

M 32 G-(86)-1

CURRENT INDUSTRIAL REPORTS

Glass Containers



U.S. Department of Commerce
BUREAU OF THE CENSUS

JANUARY 1986

M32G(86)-1
Issued April 1986

The statistics in this publication are based on a survey of manufacturers and represent total U.S. shipments and production of glass containers. Estimates are included for companies

whose reports were not received in time for tabulation. A description of the survey methodology and related information appears on page 5.

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DEPOSITORY 322
Table 1. SUMMARY OF SHIPMENTS, PRODUCTION, AND STOCKS OF GLASS CONTAINERS: 1986 AND 1985
(Thousands of gross)

Month and year	Shipments			Production			Stocks, end of month	
	Total	Domestic ¹		Total	Narrow neck containers	Wide mouth containers	Narrow neck containers	Wide mouth containers
		Narrow neck containers	Wide mouth containers					
1986								
January.....	22,457	16,813	5,644	22,888	17,423	5,465	27,903	10,400
1985								
Total.....	279,106	214,576	64,530	279,150	214,647	64,437	(2)	(2)
December.....	19,393	14,854	4,539	18,301	13,455	4,846	27,445	10,767
November.....	20,012	14,797	5,215	22,857	17,256	5,601	29,014	10,650
October.....	24,226	17,618	6,608	25,649	19,229	6,420	26,929	10,328
September.....	23,482	17,548	5,934	23,487	18,029	5,458	25,020	10,538
August.....	25,865	19,857	6,008	25,468	20,128	5,340	24,340	10,450
July.....	26,245	20,539	5,706	25,019	19,563	5,456	24,808	11,614
June.....	24,835	19,689	5,146	24,252	19,171	5,081	25,629	10,629
May.....	24,922	20,043	4,879	24,397	19,592	4,805	26,095	10,804
April.....	24,475	19,602	4,873	24,411	19,437	4,908	28,594	11,581
March.....	22,913	17,680	5,233	23,315	17,476	5,839	28,573	11,679
February.....	19,974	15,106	4,868	19,994	15,193	4,801	28,948	9,856
January.....	22,764	17,243	5,521	22,000	16,118	5,882	31,513	12,225

¹Includes exports. Prior to January 1982 exports were included only in the total.
²Use December stocks as the 1985 year totals.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Pamela Glekas, (301) 763-2529.

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Table 2. GLASS CONTAINERS: SHIPMENTS, PRODUCTION, AND STOCKS

(Net packed weight in thousands of pounds; quantity in thousand gross)

Product code	Product description	Number of companies	Net packed weight produced	Shipments	Production	Stocks, end of month ¹
JANUARY 1986						
	All types ^{2 3}	(NA)	1,787,814	22,457	22,888	38,303
	Narrow neck containers ³	(NA)	1,345,750	16,813	17,423	27,903
	Wide mouth containers.....	(NA)	442,064	5,644	5,465	10,400
	By end use:					
	Food:					
32210 11	Narrow neck.....	13	179,434	1,859	2,090	3,842
32210 31, 37	Wide mouth (including dairy).....	13	429,708	5,294	5,114	9,816
	Beverages:					
32210 19	Refillable.....	4	12,088	73	82	376
32210 50	Nonrefillable.....	11	277,851	4,230	4,277	7,797
	Beer:					
32210 23	Refillable.....	5	27,510	192	309	470
32210 60	Nonrefillable.....	10	486,477	7,017	7,111	7,715
32210 27	Liquor.....	13	149,301	973	1,029	2,981
32210 29	Wine.....	10	169,634	875	1,011	2,480
	Other (narrow neck and wide mouth):					
	Medicinal and health supplies:					
32210 13	Narrow neck.....	8	26,831	852	904	1,447
32210 32	Wide mouth.....	5	7,182	262	278	399
	Chemical, household, and industrial:					
32210 15	Narrow neck.....	7	5,998	89	53	135
32210 33	Wide mouth.....	7	5,174	88	73	185
	Toiletries and cosmetics: ⁴					
32210 17	Narrow neck.....	7	10,626	653	557	660
32210 34	Wide mouth.....	5				
DECEMBER 1985						
	All types ²	(NA)	1,433,291	19,393	18,301	38,212
	Narrow neck containers.....	(NA)	1,055,065	14,854	13,455	27,445
	Wide mouth containers.....	(NA)	378,226	4,539	4,846	10,767
	By end use:					
	Food:					
32210 11	Narrow neck.....	13	123,139	1,407	1,424	3,722
32210 31, 37	Wide mouth (including dairy).....	13	370,319	4,194	4,484	10,080
	Beverages: ⁵					
32210 19	Refillable.....	3	244,001	3,922	3,425	8,194
32210 50	Nonrefillable.....	11				
	Beer:					
32210 23	Refillable.....	5	13,681	148	154	353
32210 60	Nonrefillable.....	10	367,657	6,295	5,559	7,641
32210 27	Liquor.....	13	126,546	863	924	2,933
32210 29	Wine.....	9	145,391	969	890	2,354
	Other (narrow neck and wide mouth):					
	Medicinal and health supplies:					
32210 13	Narrow neck.....	8	20,804	740	629	1,498
32210 32	Wide mouth.....	5	4,412	212	194	399
	Chemical, household, and industrial:					
32210 15	Narrow neck.....	6	6,987	79	71	161
32210 33	Wide mouth.....	6	2,686	81	59	186
	Toiletries and cosmetics:					
32210 17	Narrow neck.....	7	6,859	431	379	589
32210 34	Wide mouth.....	5	809	52	109	102

(NA) Not available.

¹Figures are limited to inventories at manufacturing establishments. For some time, the sum of the inventories at the beginning of the month does not equal inventories at the end of the month. This is due to breakage and inventory adjustment.²Includes exports. Manufacturers' shipments designated as exports amounted to 74 in January 1986 and 43 in December 1985.³Includes narrow and wide mouth toiletries and cosmetics to avoid disclosure of individual company data.⁴Narrow neck and wide mouth are combined to avoid disclosure of individual company data.⁵Refillable and nonrefillable beverages are combined for revised December 1985 to avoid disclosure of individual data.

Table 3. SHIPMENTS, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF GLASS CONTAINERS: 1986 AND 1985

(Quantity in thousand gross)

Month and year	Manufacturers' shipments	Exports of domestic merchandise ^{1 2 3}	Percent exports to manufacturers' shipments	Imports for consumption ⁴	Apparent consumption ⁵	Percent imports to apparent consumption
1986						
January.....	22,457	96	(Z)	2,315	24,676	9
1985						
December.....	19,393	44	(Z)	1,113	20,462	5
November.....	20,012	65	(Z)	1,034	20,981	5
October.....	24,226	69	(Z)	949	23,106	4
September.....	23,482	74	(Z)	1,691	23,099	7
August.....	25,865	83	(Z)	1,023	26,995	4
July.....	26,243	91	(Z)	1,420	27,574	5
June.....	24,835	132	(Z)	3,022	26,725	8
May.....	24,922	115	(Z)	1,372	26,179	5
April.....	24,475	150	(Z)	2,155	26,480	8
March.....	22,913	177	(Z)	1,439	24,175	6
February.....	19,974	92	(Z)	933	20,815	5
January.....	22,764	142	(Z)	880	23,502	4

(Z) Represents less than one-half of 1 percent.

¹For comparison of Standard Industrial Classification (SIC)-based product codes with Schedule B export numbers and TSUSA import numbers, see table 5.²These export figures differ from those included in table 2. The figures in table 2 are limited to direct exports by glass containers producers; whereas, the figures in this table represent total exports.³Source: Bureau of the Census report EM 546, U.S. Exports.⁴Source: Bureau of the Census report IM 145-X, U.S. Imports for Consumption and General Imports.⁵Apparent consumption is derived by subtracting exports from the manufacturers' shipments plus imports.⁶Refillable and nonrefillable beverages area combined for December 1985 to avoid disclosing figures for individual companies.

Table 4. SHIPMENTS, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF GLASS CONTAINERS

(Quantity in thousand gross; value in thousands of dollars)

(Quantity in thousands gross, value in millions)													
Product code	Product description	Manufacturers' shipments	Exports of domestic merchandise ^{1 2 3}	Percent exports to manufacturers' shipments	Imports for consumption ⁴	Apparent consumption ⁵	Percent imports to apparent consumption						
	JANUARY 1986												
	Glass containers.....	22,457	96	(Z)	2,315	24,676	9						
	Domestic shipments:												
32210 11	Food and dairy products.....	7,153	18	}	(Z)	2,315	9						
32210 31													
32210 37	Medicinal and health.....	1,114	}										
32210 13													
32210 32	Chemical, household, and industrial.....	177						}					
32210 15													
32210 33	Toiletries and cosmetics.....	653							(Z)	2,315	24,676	9	
32210 17													
32210 34	Beverage, refillable.....	73											}
32210 19													
32210 50	Beverage, nonrefillable.....	4,230		}									
32210 23													
32210 60	Beer, refillable.....	192	}										
32210 27													
32210 39	Beer, nonrefillable.....	7,017			}								
	Liquor.....	973				}							
	Wine.....	875					}						
	DECEMBER 1985												
	Glass containers.....	19,393		44				(Z)	1,113	20,462			
	Domestic shipments:												
32210 11	Food and dairy products.....	5,601	5	}				(Z)	1,113	20,462			
32210 31													
32210 37	Medicinal and health.....	952	}										
32210 13													
32210 32	Chemical, household, and industrial.....	160			}								
32210 15													
32210 33	Toiletries and cosmetics.....	483				(Z)	1,113				20,462		
32210 17													
32210 34	Beverage, refillable ⁶	3,922										}	
32210 19													
32210 50	Beverage, nonrefillable ⁶	148		}									
32210 23													
32210 60	Beer, refillable.....	6,295	}										
32210 27													
32210 39	Beer, nonrefillable.....	863			}								
	Liquor.....	969				}							
	Wine.....						}						

See footnotes at end of table 3.

Table 5. COMPARISON OF STANDARD INDUSTRIAL CLASSIFICATION-BASED PRODUCT CODES, SCHEDULE B EXPORT NUMBERS, AND TSUSA IMPORT NUMBERS: 1986

Product code	Product description	Export number ¹	Product description	Import number ²	Product description
	Glass containers				
32210 11	Food.....	545.2910	Containers chiefly used for food (except beverage)		Containers (except ampoules) chiefly used for the packaging, transporting, or marketing of merchandise and containers; chiefly used for home canning and preserving, all the foregoing, of glass, with or without their closures and whether or not coated with plastics material: Ordinarily used for perfume or other toilet preparations, or if fitted with or designed for use with ground glass stoppers:
32210 31					
32210 37					
32210 13	Medicinal and health supplies.....	545.2940	Containers, n.s.p.f.		
32210 32					
32210 15					
32210 33	Chemical, household, and industrial.....	545.2930	Containers chiefly used for beverages (including beer, liquor, and wine)		Produced by automatic machine Otherwise produced
32210 17					
32210 34					
32210 19	Toiletries and cosmetics.....	545.2930			
32210 19					
32210 19					
32210 19	Beverage, refillable.....	545.2930			
32210 50					
32210 50					
32210 23	Beverage, nonrefillable.....	545.2930			
32210 23					
32210 23					
32210 60	Beer, refillable.....	545.2930			
32210 60					
32210 60					
32210 27	Beer, nonrefillable.....	545.2930			
32210 27					
32210 27					
32210 29	Liquor.....	545.2930			
32210 29					
32210 29					
32210 29	Wine.....	545.2930			
32210 29					
32210 29					

N.s.p.f. Not specifically provided for.

¹Source: 1982 edition, Schedule B, Statistical Classification of Domestic and Foreign Commodities Exported from the United States.
²Source: Tariff Schedules of the United States, Annotated (1982).

DESCRIPTION OF SURVEY

Scope of Survey. This survey covers manufacturers of machine-made glass bottles, jars, and tumblers for commercial packing or home canning of any product, whether for sale or for use by the producing company.

Survey Methodology. The statistics in this publication were collected by mail on Bureau of the Census monthly Form M32G, Glass Containers. The panel for this survey consists of all known producers of glass containers, approximately 22 companies.

Survey Error. Figures for the current month may include estimates for panel members for which reports were not received in time for tabulation. Such missing figures are "imputed" based on month-to-month movements shown by reporting firms. Imputation generally is limited to a maximum of 10 percent for any one data cell. Figures with imputation rates greater than 10 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The range of difference between the actual and imputed figures is not precisely known, but is assumed to be small. The degree of uncertainty regarding the accuracy of the published data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

Revisions to Previous Period Data. Statistics for previous months may be revised as the result of corrected data from respondents, including the receipt of late reports for which imputations were made as described above. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

Adjustment for Price Change. All dollar figures included in this publication are in current dollars; i.e., they have not been adjusted for price change.

Reporting Period Adjustment. The data are adjusted for the number of working days in the reporting period to compensate for differences in individual company reporting patterns, i.e., calendar month, 4-week, 5-week periods. Since the calendar month accounting system prevails in this industry, adjustments have been made to those reporting on other than a calendar month basis.

EXPLANATION OF TERMS

Includes both domestic and export shipments, whether for commercial sale or transfer to other establishments of the same company. Prior to January 1982, shipment figures for specific products excluded shipments for export. The impact of this change in total is minimal since exports account for less than

one percent of total shipments; however, individual item lines may be affected to a greater degree.

Export Shipments. Includes shipments to foreign countries, agents or exporters for reshipment to foreign countries.

Production. Includes all containers produced during the month.

Net Pack Weight Produced. Weight in thousand pounds of glass containers when packed for shipment, exclusive of carton material, pallets, and pallet wrap.

Stocks on Hand, End of Month. Includes all containers on hand at manufacturing plants at the end of the month.

COMPARISON OF EXPORT, IMPORT, AND DOMESTIC OUTPUT DATA

The Standard Industrial Classification (SIC) system used for domestic output and the statistical export and import commodity classifications were developed independently. This results in considerable difficulty in comparing the three types of data for many commodity areas. The domestic output classification is based on type of industry; on the other hand, the export and import classification system is more materials oriented. Also, there are a substantial number of imported commodities which have no comparable domestic output classification. The relationships shown in this report should be considered only as approximations, since, in addition to the problems mentioned above, there are also the following problems affecting the comparability of the three sets of data.

Valuation. There are different methods of valuation for the three types of data:

- **Domestic Output.** Valued at the point of production. It includes the net sales price, f.o.b. plant, after discounts and allowances, exclusive of freight charges and excise taxes.
- **Exports.** Valued at the point of exportation. It includes the selling price, or cost if not sold, and inland freight, insurance and other charges to the export point.
Estimated producers' values of exports have also been developed. These values more closely approximate the values reported for domestic output because they exclude freight, insurance, and other charges applied from the producing plant to the export point.
- **Imports.** Valued at the first port of entry in the United States. It includes c.i.f. (cost, insurance, and freight), duty, and other charges to the import point.

Duplication in Quantity and Value of Output. Because producers' shipments of some commodities may be used as materials for incorporation into other commodities, combinations of data for

such commodities may contain a certain amount of duplication. Thus, percentages of exports to output or imports to apparent consumption (output plus imports minus exports) at four-digit or broader levels may be understated. Where duplication is known to be substantial, the output data are appropriately noted in the table.

Low-Value Export and Import Transactions. Detailed commodity information is not included for individual export shipments valued at not more than \$1,000. Generally, detailed commodity information is not included for individual import shipments valued at not more than \$1,000. For textiles and textile products, gloves, and footwear, and miscellaneous rubber and plastics products, detailed commodity information is not included for individual import shipments valued at not more than \$250. This is believed to have only negligible effects on the statistics for the bulk of the commodities.

Manufacturers' Shipments, Not Specified by Kind. The value of manufacturers' shipments at the four-digit industry level often includes a small amount which is not distributed among the individual five-digit product classes. Export and import percentages at the more detailed levels might, therefore, be slightly overstated.

Time Lag Between Output and Exports. There will be a lag between the time a commodity is produced or shipped by the producer and the time it is actually exported, especially when intermediaries (wholesalers, exporters, etc.) are involved. Ordinarily, this type of discrepancy is insignificant in annual figures.

"Direct" vs "Total" Commodity Exports and Imports. Export and import data do not include materials which are incorporated into other more finished products and exported or imported in finished form. Thus, by showing only direct exports and imports, the relation of exports to output and imports to apparent consumption for intermediate products is considerably understated.

Used Commodities. With a few exceptions, used or rebuilt commodities are classified in the same import or export codes as is new merchandise. Percentages are thus overstated to the extent that used or rebuilt products are significant in trade.

Geographic Area of Coverage. Import and export data reflect the movement of merchandise into and out of U.S. foreign trade zones, the U.S. Virgin Islands, and the U.S. customs territory (includes the 50 states, the District of Columbia, and Puerto Rico).

RELATED REPORTS

An annual Current Industrial Report, MA32G, *Glass Containers*, also is published in this series. The annual report summarizes monthly figures and includes the results of an annual

survey collecting value of shipments of all products covered by the monthly survey. It also incorporates revisions for both the current and previous year and provides a total dollar value for each product class. The annual report also provides a single reference copy to replace the monthly publications.

The Bureau of the Census publishes the following related reports:

Series	Frequency	Title
<i>Current Industrial Reports</i>		
MQ34H	Quarterly	<i>Closures for Containers</i>
MA32E	Annually	<i>Consumer, Scientific, and Industrial Glassware</i>
<i>Other Industry Reports</i>		
M3-1	Monthly	<i>Manufacturers' Shipments, Inventories, and Orders</i>
(AS)	Annually	<i>Annual Survey of Manufactures (ASM)</i>
(MC)	Quinquennially	<i>Census of Manufactures</i>
<i>Foreign Trade Reports</i>		
EM546	Monthly	<i>U.S. Exports</i>
IM145X	Monthly	<i>U.S. Imports for Consumption and General Imports</i>

CONTACTS FOR DATA USERS

Subject Area	Contact	Phone Number
Current Industrial Report M32G	Pamela Glekas	(301) 763-2529
Manufacturers' Shipments, Inventories, and Orders	Ruth Runyan	(301) 763-2502
Census/ASM	Dale Gordon	(301) 763-7304
To order a Census Bureau publication	Customer Services (DUSD)	(301) 763-4100
Foreign Trade publication	Joyce Ware	(301) 763-5140
International Trade Administration	William Lofquist	(202) 377-0379

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DEPOSITORY 376

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(Thousands of gross)								
Month and year	Shipments			Production			Stocks, end of month	
	Total	Domestic ¹		Total	Narrow neck containers	Wide mouth containers	Narrow neck containers	Wide mouth containers
		Narrow neck containers	Wide mouth containers					
1986								
February.....	21,513	16,191	5,322	23,648	18,156	5,492	29,966	10,587
January.....	22,458	16,813	5,645	22,887	17,422	5,465	28,167	10,401
1985								
Total.....	279,106	214,576	64,530	279,150	214,647	64,437	(2)	(2)
December.....	19,393	14,854	4,539	18,301	13,455	4,846	27,445	10,767
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²Use December stocks as the 1985 year totals.

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(Net packed weight in thousands of pounds; quantity in thousand gross)

Product code	Product description	Number of companies	Net packed weight produced	Shipments	Production	Stocks, end of month ¹
FEBRUARY 1986						
	All types ^{2 3}	(NA)	1,577,068	21,513	23,648	40,553
	Narrow neck containers ³	(NA)	1,173,734	16,191	18,156	29,966
	Wide mouth containers	(NA)	401,334	5,322	5,492	10,587
	By end use:					
	Food:					
32210 11	Narrow neck	14	200,103	2,027	2,302	3,978
32210 31, 37	Wide mouth (including dairy)	13	386,979	4,935	5,080	9,964
	Beverages:					
32210 19	Refillable	4	19,925	60	151	454
32210 30	Nonrefillable	10	299,160	4,005	4,531	8,242
	Beer:					
32210 23	Refillable	5	25,073	258	269	482
32210 60	Nonrefillable	11	267,543	6,282	7,181	8,893
32210 27	Liquor	13	133,992	838	951	3,068
32210 29	Wine	12	181,721	1,045	1,187	2,624
	Other (narrow neck and wide mouth):					
	Medicinal and health supplies:					
32210 13	Narrow neck	8	33,157	1,046	996	1,392
32210 32	Wide mouth	6	7,766	289	317	428
	Chemical, household, and industrial:					
32210 15	Narrow neck	6	2,442	63	32	134
32210 33	Wide mouth	5	6,589	98	95	195
	Toiletries and cosmetics: ⁴					
32210 17	Narrow neck	7	12,618	567	707	699
32210 34	Wide mouth	4				
JANUARY 1986						
	All types ^{2 3}	(NA)	^F 1,543,901	22,458	22,887	38,568
	Narrow neck containers ³	(NA)	^F 1,120,202	16,813	17,422	28,167
	Wide mouth containers	(NA)	423,699	5,645	5,465	10,401
	By end use:					
	Food:					
32210 11	Narrow neck	13	179,434	1,859	2,089	3,809
32210 31, 37	Wide mouth (including dairy)	13	411,343	5,295	5,114	9,816
	Beverages:					
32210 19	Refillable	4	12,088	73	82	371
32210 30	Nonrefillable	11	277,851	4,230	4,277	7,797
	Beer:					
32210 23	Refillable	5	^F 27,540	192	309	470
32210 60	Nonrefillable	11	^F 260,889	7,017	7,111	8,017
32210 27	Liquor	13	149,301	973	1,029	2,981
32210 29	Wine	11	169,634	875	1,011	2,480
	Other (narrow neck and wide mouth):					
	Medicinal and health supplies:					
32210 13	Narrow neck	8	26,831	852	904	1,447
32210 32	Wide mouth	5	7,182	262	278	399
	Chemical, household, and industrial:					
32210 15	Narrow neck	7	6,008	89	53	135
32210 33	Wide mouth	6	5,174	88	73	186
	Toiletries and cosmetics: ⁴					
32210 17	Narrow neck	7	10,626	653	557	660
32210 34	Wide mouth	3				

(NA) Not available. ^FRevised by 5 percent or more from previously published figures.¹Figures are limited to inventories at manufacturing establishments. For some time, the sum of the inventories at the beginning of the month does not equal inventories at the end of the month. This is due to breakage and inventory adjustment.²Includes exports. Manufacturers' shipments designated as exports amounted to 71 in February 1986 and 85 in January 1986.³Includes narrow and wide mouth toiletries and cosmetics to avoid disclosure of individual company data.⁴Narrow neck and wide mouth are combined to avoid disclosure of individual company data.

Table 3. SHIPMENTS, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF GLASS CONTAINERS: 1986 AND 1985

(Quantity in thousand gross)

Month and year	Manufacturers' shipments	Exports of domestic merchandise ^{1 2 3}	Percent exports to manufacturers' shipments	Imports for consumption ⁴	Apparent consumption ⁵	Percent imports to apparent consumption
1986						
February.....	21,513	52	(Z)	1,019	22,480	5
January.....	22,458	96	(Z)	2,315	24,677	9
1985						
December.....	19,393	44	(Z)	1,113	20,462	5
November.....	20,012	65	(Z)	1,034	20,981	5
October.....	24,226	69	(Z)	949	25,106	4
September.....	23,482	74	(Z)	1,691	25,099	7
August.....	25,865	83	(Z)	1,023	26,995	4
July.....	26,245	91	(Z)	1,420	27,574	5
June.....	24,835	132	(Z)	2,022	26,725	8
May.....	24,922	115	(Z)	1,372	26,179	5
April.....	24,475	150	(Z)	2,155	26,480	8
March.....	22,913	177	(Z)	1,439	24,175	6
February.....	19,974	92	(Z)	933	20,815	5

(Z) Represents less than one-half of 1 percent.

¹ For comparison of Standard Industrial Classification (SIC)-based product codes with Schedule B export numbers and TSUSA import numbers, see table 3 in the January 1986 report, M32G(86)-1, issued April 1986.

² These export figures differ from those included in table 2. The figures in table 2 are limited to direct exports by glass containers producers; whereas, the figures in this table represent total exports.

³ Source: Bureau of the Census report EM 546, U.S. Exports.

⁴ Source: Bureau of the Census report IM 145-X, U.S. Imports for Consumption and General Imports.

⁵ Apparent consumption is derived by subtracting exports from the manufacturers' shipments plus imports.

Table 4. SHIPMENTS, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF GLASS CONTAINERS

(Quantity in thousand gross; value in thousands of dollars)

Product code	Product description	Manufacturers' shipments	Exports of domestic merchandise ^{1 2 3}	Percent exports to manufacturers' shipments	Imports for consumption ⁴	Apparent consumption ⁵	Percent imports to apparent consumption
FEBRUARY 1986							
	Glass containers.....	21,513	52	(Z)	1,019	22,480	5
	Domestic shipments:						
32210 11	Food and dairy products.....	6,962	3				
32210 31							
32210 37							
32210 13	Medicinal and health.....	1,335					
32210 32							
32210 15							
32210 33	Chemical, household, and industrial.....	161	31				
32210 17							
32210 34							
32210 19	Beverage, refillable.....	60					
32210 50							
32210 23							
32210 60	Beer, refillable.....	258	18				
32210 27							
32210 39							
	Beer, nonrefillable.....	6,282					
	Liquor.....	838					
	Wine.....	1,045					
JANUARY 1986							
	Glass containers.....	22,458	96	(Z)	2,315	24,677	9
	Domestic shipments:						
32210 11	Food and dairy products.....	7,154	18				
32210 31							
32210 37							
32210 13	Medicinal and health.....	1,114					
32210 32							
32210 15							
32210 33	Chemical, household, and industrial.....	177	48				
32210 17							
32210 34							
32210 19	Beverage, refillable.....	653					
32210 50							
32210 23							
32210 60	Beer, nonrefillable.....	73	30				
32210 27							
32210 39							
	Beer, nonrefillable.....	4,230					
	Liquor.....	192					
	Wine.....	7,017					
	Liquor.....	973					
	Wine.....	875					

See footnotes at end of table 3.

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Glass Containers



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MARCH 1986

U.S. Department of Commerce
BUREAU OF THE CENSUS

M32G(86)-3
Issued May 1986

The statistics in this publication are based on a survey of manufacturers and represent total U.S. shipments of glass containers. Estimates are included for companies whose reports were not received in time for tabulation. A description of the

survey methodology and related information may be found in the January 1986 report for this series, M32G(86)-1, issued April 1986.

Table 1. SUMMARY OF SHIPMENTS, PRODUCTION, AND STOCKS OF GLASS CONTAINERS: 1986 AND 1985

(Thousands of gross)

Month and year	Shipments			Production			Stocks, end of month	
	Total	Domestic ¹		Total	Narrow neck containers	Wide mouth containers	Narrow neck containers	Wide mouth containers
		Narrow neck containers	Wide mouth containers					
1986								
March.....	23,108	18,076	5,032	25,345	19,734	5,611	30,990	11,276
February.....	21,312	15,990	5,322	23,649	18,157	5,492	29,897	10,587
January.....	22,458	16,813	5,645	22,887	17,422	5,465	28,167	10,401
1985								
Total.....	279,106	214,576	64,530	279,150	214,647	64,437	(2)	(2)
December.....	19,393	14,854	4,539	18,301	13,455	4,846	27,445	10,767
November.....	20,012	14,797	5,215	22,857	17,256	5,601	29,014	10,650
October.....	24,226	17,618	6,608	25,649	19,229	6,420	26,929	10,328
September.....	23,482	17,548	5,934	23,487	18,029	5,458	25,020	10,538
August.....	25,865	19,857	6,008	25,468	20,128	5,340	24,340	10,450
July.....	26,245	20,539	5,706	25,019	19,563	5,456	24,808	11,614
June.....	24,835	19,689	5,146	24,252	19,171	5,081	25,629	10,629
May.....	24,922	20,043	4,879	24,397	19,592	4,805	26,095	10,804
April.....	24,475	19,602	4,873	24,411	19,437	4,908	28,594	11,581
March.....	22,913	17,680	5,233	23,315	17,476	5,839	28,573	11,679
February.....	19,974	15,106	4,868	19,994	15,193	4,801	28,948	9,856
January.....	22,764	17,243	5,521	22,000	16,118	5,882	31,513	12,225

¹Includes exports. Prior to January 1982 exports were included only in the total.
²Use December stocks as the 1985 year totals.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Pamela Glekas, (301) 763-2629.
For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

C 3.158:

Table 2. GLASS CONTAINERS: SHIPMENTS, PRODUCTION, AND STOCKS
(Net packed weight in thousands of pounds; quantity in thousand gross)

(Net packed weight in thousands of pounds; quantity in thousand gross)						
Product code	Product description	Number of companies	Net packed weight produced	Shipments	Production	Stocks, end of month ¹
MARCH 1986						
	All types ^{2 3}	(NA)	1,895,667	23,108	25,345	42,266
	Narrow neck containers ³	(NA)	1,474,706	18,076	19,734	30,990
	Wide mouth containers.....	(NA)	420,961	5,032	5,611	11,276
	By end use:					
	Food:					
32210 11	Narrow neck.....	13	214,941	2,405	2,506	4,224
32210 31, 37	Wide mouth (including dairy).....	11	412,591	4,705	5,338	10,687
	Beverages:					
32210 19	Refillable.....	4	363,415	4,861	5,399	9,184
32210 50	Nonrefillable.....	10				
	Beer:					
32210 23	Refillable.....	5	20,581	276	235	398
32210 60	Nonrefillable.....	10	533,935	6,935	7,826	9,621
32210 27	Liquor.....	11	117,508	931	1,026	3,195
32210 29	Wine.....	10	173,836	1,345	1,332	2,666
	Other (narrow neck and wide mouth):					
	Medicinal and health supplies:					
32210 13	Narrow neck.....	7	30,982	700	714	816
32210 32	Wide mouth.....	5	5,306	250	203	396
	Chemical, household, and industrial:					
32210 15	Narrow neck.....	7	7,104	72	59	191
32210 33	Wide mouth.....	5	3,064	77	70	193
	Toiletries and cosmetics: ⁵					
32210 17	Narrow neck.....	7	12,404	551	637	695
32210 34	Wide mouth.....	5				
FEBRUARY 1986						
	All types ^{2 3}	(NA)	1,781,811	21,312	23,649	40,484
	Narrow neck containers ³	(NA)	1,380,477	15,990	18,157	29,897
	Wide mouth containers.....	(NA)	401,334	5,322	5,492	10,587
	By end use:					
	Food:					
32210 11	Narrow neck.....	13	196,491	1,911	2,233	3,970
32210 31, 37	Wide mouth (including dairy).....	11	386,979	4,935	5,080	9,964
	Beverages:					
32210 19	Refillable.....	4	19,925	60	151	454
32210 50	Nonrefillable.....	10	299,160	4,005	4,531	8,242
	Beer:					
32210 23	Refillable.....	5	25,073	258	269	482
32210 60	Nonrefillable.....	10	479,124	6,284	7,181	8,893
32210 27	Liquor.....	12	133,992	838	951	3,068
32210 29	Wine.....	11	181,721	1,045	1,187	2,624
	Other (narrow neck and wide mouth):					
	Medicinal and health supplies:					
32210 13	Narrow neck.....	8	29,931	959	913	1,331
32210 32	Wide mouth.....	6	7,766	289	317	428
	Chemical, household, and industrial:					
32210 15	Narrow neck.....	6	2,442	63	34	134
32210 33	Wide mouth.....	5	6,589	98	95	195
	Toiletries and cosmetics: ⁵					
32210 17	Narrow neck.....	7	12,618	567	707	699
32210 34	Wide mouth.....	4				

(NA) Not available. [†] Revised by 5 percent or more from previously published figures.

¹Figures are limited to inventories at manufacturing establishments. For some time, the sum of the inventories at the beginning of the month does not equal inventories at the end of the month. This is due to breakage and inventory adjustment.

²Includes exports. Manufacturers' shipments designated as exports amounted to 58 in March 1986 and 71 in February 1986.

³Includes narrow and wide mouth toiletries and cosmetics to avoid disclosure of individual company data.

⁴Refillable and nonrefillable beverage category are combined for March 1986 to avoid disclosure of individual company data.

⁵Narrow neck and wide mouth are combined to avoid disclosure of individual company data.

Table 3. SHIPMENTS, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF GLASS CONTAINERS: 1986 AND 1985

(Quantity in thousand gross)

Month and year	Manufacturers' shipments	Exports of domestic merchandise ^{1 2 3}	Percent exports to manufacturers' shipments	Imports for consumption ⁴	Apparent consumption ⁵	Percent imports to apparent consumption
1986						
March.....	23,108	78	(Z)	1,053	24,083	4
February.....	21,312	52	(Z)	1,019	22,279	5
January.....	22,438	96	(Z)	2,315	24,677	9
1985						
December.....	19,393	44	(Z)	1,113	20,462	5
November.....	20,012	65	(Z)	1,034	20,981	5
October.....	24,226	69	(Z)	949	23,106	4
September.....	23,482	74	(Z)	1,691	23,099	7
August.....	25,865	83	(Z)	1,023	26,995	4
July.....	26,245	91	(Z)	1,420	27,574	5
June.....	24,835					
May.....	24,922	132	(Z)	2,022	26,725	8
April.....	24,475	115	(Z)	1,372	26,179	5
March.....	22,913	150	(Z)	2,155	26,480	8
February.....	19,974	177	(Z)	1,439	24,175	6
		92	(Z)	933	20,815	5

See footnotes at end of table 4.

Table 4. SHIPMENTS, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF GLASS CONTAINERS

(Quantity in thousand gross; value in thousands of dollars)

Product code	Product description	Manufacturers' shipments	Exports of domestic merchandise ^{1 2 3}	Percent exports to manufacturers' shipments	Imports for consumption ⁴	Apparent consumption ⁵	Percent imports to apparent consumption
MARCH 1986							
	Glass containers.....	23,108	78	(Z)	1,053	24,083	4
	Domestic shipments:						
32210 11	Food and dairy products.....	7,110	28				
32210 31							
32210 37							
32210 13	Medicinal and health.....	950					
32210 32							
32210 15	Chemical, household, and industrial.....	149	43				
32210 33							
32210 17	Toiletries and cosmetics.....	551					
32210 34							
32210 19	Beverage, refillable ⁶	4,861		(Z)	1,053	24,083	4
32210 50	Beverage, nonrefillable ⁶	276					
32210 23	Beer, refillable.....	6,935	7				
32210 60	Beer, nonrefillable.....	931					
32210 27	Liquor.....	1,345					
32210 39	Wine.....						
FEBRUARY 1986							
	Glass containers.....	21,312	52	(Z)	1,019	22,279	5
	Domestic shipments:						
32210 11	Food and dairy products.....	6,846	3				
32210 31							
32210 37							
32210 13	Medicinal and health.....	1,248					
32210 32							
32210 15	Chemical, household, and industrial.....	161	31				
32210 33							
32210 17	Toiletries and cosmetics.....	567					
32210 34							
32210 19	Beverage, refillable.....	60		(Z)	1,019	22,279	5
32210 50	Beverage, nonrefillable.....	4,005					
32210 23	Beer, refillable.....	258					
32210 60	Beer, nonrefillable.....	6,284	18				
32210 27	Liquor.....	838					
32210 39	Wine.....	1,045					

(Z) Represents less than one-half of 1 percent.

³ Revised by 5 percent or more from previously published figures.¹ For comparison of Standard Industrial Classification (SIC)-based product codes with Schedule B export numbers and TSUSA import numbers, see table 5 in the January 1986 report, M32G(86)-1, issued April 1986.² These export figures differ from those included in table 2. The figures in table 2 are limited to direct exports by glass containers producers; whereas, the figures in this table represent total exports.³ Source: Bureau of the Census report EM 546, U.S. Exports.⁴ Source: Bureau of the Census report IM 145-X, U.S. Imports for Consumption and General Imports.⁵ Apparent consumption is derived by subtracting exports from the manufacturers' shipments plus imports.⁶ Refillable and nonrefillable beverage category are combined for March 1986 to avoid company disclosure.

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The statistics in this publication are based on a survey of manufacturers and represent total U.S. shipments of glass containers. Estimates are included for companies whose reports were not received in time for tabulation. A description of the survey

methodology and related information may be found in the January 1986 report for this series, M32G(86)-1, issued April 1986.

Table 1. SUMMARY OF SHIPMENTS, PRODUCTION, AND STOCKS OF GLASS CONTAINERS: 1986 AND 1985

(Thousands of gross)

Month and year	Shipments			Production			Stocks, end of month	
	Total	Domestic ¹		Total	Narrow neck containers	Wide mouth containers	Narrow neck containers	Wide mouth containers
		Narrow neck containers	Wide mouth containers					
1986								
April.....	25,124	20,106	5,018	22,421	16,872	5,549	29,066	11,424
March.....	23,127	18,096	5,031	25,353	19,742	5,611	30,884	11,268
February.....	21,312	15,990	5,322	23,649	18,157	5,492	29,897	10,587
January.....	22,458	16,813	5,645	22,887	17,422	5,465	28,167	10,401
1985								
Total.....	279,106	214,576	64,530	279,150	214,647	64,437	(2)	(2)
December.....	19,393	14,854	4,539	18,301	13,455	4,846	27,445	10,767
November.....	20,012	14,797	5,215	22,857	17,256	5,601	29,014	10,650
October.....	24,226	17,618	6,608	25,649	19,229	6,420	26,929	10,328
September.....	23,482	17,548	5,934	23,487	18,029	5,458	25,020	10,538
August.....	25,865	19,857	6,008	25,468	20,128	5,340	24,340	10,450
July.....	26,245	20,539	5,706	25,019	19,563	5,456	24,808	11,614
June.....	24,835	19,689	5,146	24,252	19,171	5,081	25,629	10,629
May.....	24,922	20,043	4,879	24,397	19,592	4,805	26,095	10,804
April.....	24,475	19,602	4,873	24,411	19,437	4,908	28,594	11,581
March.....	22,913	17,680	5,233	23,315	17,476	5,839	28,573	11,679
February.....	19,974	15,106	4,868	19,994	15,193	4,801	28,948	9,856
January.....	22,764	17,243	5,521	22,000	16,118	5,882	31,513	12,225

¹Includes exports. Prior to January 1982 exports were included only in the total.

²Use December stocks as the 1985 year totals.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Pamela Glekas, (301) 763-2529.

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Table 2. GLASS CONTAINERS: SHIPMENTS, PRODUCTION, AND STOCKS

(Net packed weight in thousands of pounds; quantity in thousand gross)

Product code	Product description	Number of companies	Net packed weight produced	Shipments	Production	Stocks, end of month ¹
APRIL 1986						
	All types ^{2 3}	(NA)	1,818,548	25,124	22,421	40,490
	Narrow neck containers ³	(NA)	1,405,608	20,106	16,872	29,066
	Wide mouth containers	(NA)	412,940	5,018	5,549	11,424
	By end use:					
	Food:					
32210 11	Narrow neck	12	164,971	2,188	2,140	3,787
32210 31, 37	Wide mouth (including dairy)	12	402,551	4,669	5,179	10,813
	Beverages: ⁴					
32210 19	Refillable	2	364,014	6,051	5,192	8,241
32210 50	Nonrefillable	10				
	Beer: ⁵					
32210 23	Refillable	4	496,300	7,691	5,270	9,535
32210 60	Nonrefillable	10				
32210 27	Liquor	10	120,860	917	875	3,120
32210 29	Wine	10	202,670	1,653	1,545	2,565
	Other (narrow neck and wide mouth):					
	Medicinal and health supplies:					
32210 13	Narrow neck	7	40,104	881	1,158	998
32210 32	Wide mouth	4	6,227	246	306	436
	Chemical, household, and industrial:					
32210 15	Narrow neck	6	5,313	52	42	103
32210 33	Wide mouth	6	4,162	103	64	175
	Toiletries and cosmetics: ⁶					
32210 17	Narrow neck	7	11,376	673	650	717
32210 34	Wide mouth	3				
MARCH 1986						
	All types ^{2 3}	(NA)	1,907,164	23,127	25,353	42,152
	Narrow neck containers ³	(NA)	1,486,203	18,096	19,742	30,884
	Wide mouth containers	(NA)	420,961	5,031	5,611	11,268
	By end use:					
	Food:					
32210 11	Narrow neck	12	214,940	2,405	2,506	4,224
32210 31, 37	Wide mouth (including dairy)	12	412,591	4,704	5,338	10,679
	Beverages: ⁴					
32210 19	Refillable	4	363,415	4,861	5,399	9,184
32210 50	Nonrefillable	11				
	Beer:					
32210 23	Refillable	5	20,581	287	235	357
32210 60	Nonrefillable	10	533,935	6,935	7,826	9,621
32210 27	Liquor	10	127,814	931	1,026	3,195
32210 29	Wine	9	174,628	1,345	1,332	2,666
	Other (narrow neck and wide mouth):					
	Medicinal and health supplies:					
32210 13	Narrow neck	6	30,982	700	714	816
32210 32	Wide mouth	4	5,306	250	203	396
	Chemical, household, and industrial:					
32210 15	Narrow neck	6	7,104	72	59	111
32210 33	Wide mouth	6	3,064	77	70	193
	Toiletries and cosmetics: ⁶					
32210 17	Narrow neck	6	12,804	560	645	710
32210 34	Wide mouth	5				

(NA) Not available. [†]Revised by 5 percent or more from previously published figures.¹Figures are limited to inventories at manufacturing establishments. For some time, the sum of the inventories at the beginning of the month does not equal inventories at the end of the month. This is due to breakage and inventory adjustment.²Includes exports. Manufacturers' shipments designated as exports amounted to 64 in April 1986 and 58 in March 1986.³Includes narrow and wide mouth toiletries and cosmetics to avoid disclosure of individual company data.⁴Refillable and nonrefillable beverage category are combined for April and March 1986 to avoid disclosure of individual company data.⁵Refillable and nonrefillable beer category are combined for April 1986 to avoid disclosure of individual company data.⁶Narrow neck and wide mouth are combined to avoid disclosure of individual company data.

Table 3. SHIPMENTS, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF GLASS CONTAINERS: 1986 AND 1985

(Quantity in thousand gross)						
Month and year	Manufacturers' shipments	Exports of domestic merchandise ^{1 2 3}	Percent exports to manufacturers' shipments	Imports for consumption ⁴	Apparent consumption ⁵	Percent imports to apparent consumption
1986						
April.....	25,124	82	(Z)	1,957	26,999	7
March.....	23,127	78	(Z)	1,053	24,102	4
February.....	21,312	52	(Z)	1,019	22,279	5
January.....	22,458	96	(Z)	2,315	24,677	9
1985						
December.....	19,393	44	(Z)	1,113	20,462	5
November.....	20,012	65	(Z)	1,034	20,981	5
October.....	24,226	69	(Z)	949	25,106	4
September.....	23,482	74	(Z)	1,691	25,099	7
August.....	25,865	83	(Z)	1,023	26,995	4
July.....	26,245	91	(Z)	1,420	27,574	5
June.....	24,835	132	(Z)	2,022	26,725	8
May.....	24,922	115	(Z)	1,372	26,179	5
April.....	24,475	150	(Z)	2,155	26,480	8
March.....	22,913	177	(Z)	1,439	24,175	6
February.....	19,974	92	(Z)	933	20,815	5

See footnotes at end of table 4.

Table 4. SHIPMENTS, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF GLASS CONTAINERS

(Quantity in thousand gross; value in thousands of dollars)							
Product code	Product description	Manufacturers' shipments	Exports of domestic merchandise ^{1 2 3}	Percent exports to manufacturers' shipments	Imports for consumption ⁴	Apparent consumption ⁵	Percent imports to apparent consumption
APRIL 1986							
	Glass containers.....	25,124	82	(Z)	1,957	26,999	7
	Domestic shipments:						
32210 11	Food and dairy products.....	6,857	9	}	(Z)	1,957	7
32210 31	Medicinal and health.....	1,127					
32210 37	Chemical, household, and industrial.....	155	58				
32210 13	Toiletries and cosmetics.....	673		}	(Z)	1,957	7
32210 32	Beverage, refillable ⁶	6,051					
32210 15	Beverage, nonrefillable ⁶	7,691	15				
32210 33	Beer, refillable.....	917		}	(Z)	1,957	7
32210 23	Beer, nonrefillable.....	1,653					
32210 60	Liquor.....						
32210 27	Wine.....						
MARCH 1986							
	Glass containers.....	23,127	78	(Z)	1,053	24,102	4
	Domestic shipments:						
32210 11	Food and dairy products.....	7,109	28	}	(Z)	1,053	4
32210 31	Medicinal and health.....	950					
32210 37	Chemical, household, and industrial.....	149	43				
32210 13	Toiletries and cosmetics.....	560		}	(Z)	1,053	4
32210 32	Beverage, refillable ⁶	4,861					
32210 15	Beverage, nonrefillable ⁶	287	7				
32210 33	Beer, refillable.....	6,935		}	(Z)	1,053	4
32210 23	Beer, nonrefillable.....	931					
32210 60	Liquor.....	1,345					
32210 27	Wine.....						

(Z) Represents less than one-half of 1 percent.

¹ For comparison of Standard Industrial Classification (SIC)-based product codes with Schedule B export numbers and TSUSA import numbers, see table 5 in the January 1986 report, M32C(86)-1, issued April 1986.² These export figures differ from those included in table 2. The figures in table 2 are limited to direct exports by glass containers producers; whereas, the figures in this table represent total exports.³ Source: Bureau of the Census report EM 546, U.S. Exports.⁴ Source: Bureau of the Census report IM 145-X, U.S. Imports for Consumption and General Imports.⁵ Apparent consumption is derived by subtracting exports from the manufacturers' shipments plus imports.⁶ Refillable and nonrefillable beverage category are combined for April and March 1986 to avoid disclosure of individual company data.⁷ Refillable and nonrefillable beer category are combined for April 1986 to avoid disclosure of individual company data.

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M 32 G (86)-5

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Glass Containers



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BUREAU OF THE CENSUS

MAY 1986

M32G(86)-5
Issued July 1986

The statistics in this publication are based on a survey of manufacturers and represent total U.S. shipments of glass containers. Estimates are included for companies whose reports were not received in time for tabulation. A description of the survey

methodology and related information may be found in the January 1986 report for this series, M32G(86)-1, issued April 1986.

NOTE: For the first five months of 1986, total shipments of glass containers rose 6.6 percent from the 1985 shipments covering the same time period. Total production from January through May 1986 also shows a sizeable increase of 10.6 percent as compared to the 1985 production data for the same time period. Stocks on hand at the end of May 1986 show a 3-percent rise from their position in 1985.

Table 1. SUMMARY OF SHIPMENTS, PRODUCTION, AND STOCKS OF GLASS CONTAINERS: 1986 AND 1985

(Thousands of gross)

(in thousands or gross)

Month and year	Shipments			Production			Stocks, end of month	
	Total	Domestic ¹		Total	Narrow neck containers	Wide mouth containers	Narrow neck containers	Wide mouth containers
		Narrow neck containers	Wide mouth containers					
1986								
May.....	24,988	20,026	4,962	24,976	19,700	5,276	30,630	11,350
April.....	25,787	20,466	5,321	25,291	19,437	5,854	30,097	11,151
March.....	23,127	18,096	5,031	23,353	19,742	5,611	30,884	11,268
February.....	21,312	15,990	5,322	23,649	18,157	5,492	29,897	10,587
January.....	22,458	16,813	5,645	22,887	17,422	5,465	28,167	10,401
1985 ²								
Total.....	272,821	208,561	64,260	273,695	209,607	64,088	(3)	(3)
December.....	19,122	14,568	4,554	18,085	13,265	4,820	28,139	10,704
November.....	19,754	14,528	5,226	22,627	17,035	5,592	29,394	10,600
October.....	23,949	17,325	6,624	25,416	19,002	6,414	27,506	10,275
September.....	23,216	17,260	5,956	23,259	17,826	5,433	25,606	10,467
August.....	25,611	19,530	6,081	25,236	19,862	5,374	24,851	10,473
July.....	25,992	20,275	5,717	24,645	19,170	5,475	24,962	11,565
June.....	24,777	19,560	5,217	24,009	18,907	5,102	25,873	10,639
May.....	24,645	19,719	4,926	24,220	19,397	4,823	26,655	10,759
April.....	24,228	19,271	4,957	23,927	18,942	4,985	29,034	11,618
March.....	19,489	14,922	4,567	20,297	15,156	5,141	27,917	10,682
February.....	19,421	14,573	4,848	19,665	14,861	4,804	29,470	9,828
January.....	22,617	17,030	5,587	22,309	16,184	6,125	32,344	12,448

¹Revised by 5 percent or more from previously published figures.

²Includes exports. Prior to January 1982 exports were included only in the total.

³Data for 1985 have been revised based on the summary for 1985, M32G(85)-13, issued May 1986.

⁴Use December stocks as the 1985 year totals.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Pamela Glekas, (301) 763-2529.

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C 3.158:

Table 2. GLASS CONTAINERS: SHIPMENTS, PRODUCTION, AND STOCKS

(Net packed weight in thousands of pounds; quantity in thousand gross)

(Net packed weight in thousands of pounds; quantity in thousand gross)						
Product code	Product description	Number of companies	Net packed weight produced	Shipments	Production	Stocks, end of month ¹
	MAY 1986					
	All types ^{2 3}	(NA)	1,923,038	24,988	24,976	41,980
	Narrow neck containers ³	(NA)	1,523,051	20,026	19,700	30,630
	Wide mouth containers	(NA)	399,987	4,962	5,276	11,350
	By end use:					
	Food:					
32210 11	Narrow neck	12	239,634	2,290	2,940	4,107
32210 31, 37	Wide mouth (including dairy)	11	393,015	4,669	5,050	10,768
	Beverages: ⁴					
32210 19	Refillable	5	367,084	5,898	5,544	8,402
32210 50	Nonrefillable	10				
	Beer: ⁵					
32210 23	Refillable	6	491,249	7,617	6,544	9,618
32210 60	Nonrefillable	10				
32210 27	Liquor	41	119,746	921	904	3,031
32210 29	Wine	10	238,390	1,695	1,936	2,994
	Other (narrow neck and wide mouth):					
	Medicinal and health supplies:					
32210 13	Narrow neck	7	50,606	927	1,248	1,167
32210 32	Wide mouth	4	5,409	235	186	411
	Chemical, household, and industrial:					
32210 15	Narrow neck	5	5,429	36	49	110
32210 33	Wide mouth	5	1,563	58	40	171
	Toiletries and cosmetics: ⁶					
32210 17	Narrow neck	7	10,913	642	535	1,201
32210 34	Wide mouth	2				
	APRIL 1986					
	All types ^{2 3}	(NA)	1,894,619	25,787	25,291	41,248
	Narrow neck containers ³	(NA)	1,448,703	20,466	19,437	30,097
	Wide mouth containers	(NA)	445,916	5,321	5,854	11,151
	By end use:					
	Food:					
32210 11	Narrow neck	12	165,599	2,229	2,184	4,049
32210 31, 37	Wide mouth (including dairy)	11	435,527	4,970	5,484	10,540
	Beverages: ⁴					
32210 19	Refillable	2	370,795	6,173	5,276	8,229
32210 50	Nonrefillable	10				
	Beer: ⁵					
32210 23	Refillable	5	523,959	7,878	7,590	9,839
32210 60	Nonrefillable	10				
32210 27	Liquor	10	124,002	904	934	3,112
32210 29	Wine	10	207,065	1,681	1,590	2,599
	Other (narrow neck and wide mouth):					
	Medicinal and health supplies:					
32210 13	Narrow neck	8	40,722	876	1,171	1,011
32210 32	Wide mouth	4	6,227	246	306	436
	Chemical, household, and industrial:					
32210 15	Narrow neck	6	5,185	52	42	103
32210 33	Wide mouth	5	4,162	105	64	175
	Toiletries and cosmetics: ⁶					
32210 17	Narrow neck	7	11,376	673	650	1,155
32210 34	Wide mouth	3				

(NA) Not available. [†]Revised by 5 percent or more from previously published figures.¹Figures are limited to inventories at manufacturing establishments. For some time, the sum of the inventories at the beginning of the month does not equal inventories at the end of the month. This is due to breakage and inventory adjustment.²Includes exports. Manufacturers' shipments designated as exports amounted to 61 in May 1986 and 64 in April 1986.³Includes narrow and wide mouth toiletries and cosmetics to avoid disclosure of individual company data.⁴Refillable and nonrefillable beverage category are combined to avoid disclosure of individual company data.⁵Refillable and nonrefillable beer category are combined to avoid disclosure of individual company data.⁶Narrow neck and wide mouth are combined to avoid disclosure of individual company data.

Table 3. SHIPMENTS, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF GLASS CONTAINERS: 1986 AND 1985

(Quantity in thousand gross)

Month and year	Manufacturers' shipments	Exports of domestic merchandise ^{1 2 3}	Percent exports to manufacturers' shipments	Imports for consumption ⁴	Apparent consumption ⁵	Percent imports to apparent consumption
1986						
May.....	24,988	58	(Z)	1,838	26,768	7
April.....	25,787	82	(Z)	1,957	27,662	7
March.....	23,127	78	(Z)	1,053	24,102	4
February.....	21,312	52	(Z)	1,019	22,279	5
January.....	22,458	96	(Z)	2,315	24,677	9
1985						
December.....	19,393	44	(Z)	1,113	20,462	5
November.....	20,012	65	(Z)	1,034	20,981	5
October.....	24,226	69	(Z)	949	25,106	4
September.....	23,482	74	(Z)	1,691	25,099	7
August.....	25,865	83	(Z)	1,023	26,995	4
July.....	26,245	91	(Z)	1,420	27,574	5
June.....	24,835	132	(Z)	2,022	26,725	8
May.....	24,922	115	(Z)	1,372	26,179	5
April.....	24,475	150	(Z)	2,155	26,480	8
March.....	22,913	177	(Z)	1,439	24,175	6
February.....	19,974	92	(Z)	933	20,815	5

See footnotes at end of table 4.

Table 4. SHIPMENTS, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF GLASS CONTAINERS

(Quantity in thousand gross; value in thousands of dollars)

Product code	Product description	Manufacturers' shipments	Exports of domestic merchandise ^{1 2 3}	Percent exports to manufacturers' shipments	Imports for consumption ⁴	Apparent consumption ⁵	Percent imports to apparent consumption	
MAY 1986								
	Glass containers.....	24,988	58	(2)	1,838	26,768	7	
	Domestic shipments:							
32210 11	Food and dairy products.....	6,959	4	39	(2)	1,838	26,768	7
32210 31	Medicinal and health.....	1,162	15					
32210 37	Chemical, household, and industrial.....	94						
32210 13	Toiletries and cosmetics.....	642						
32210 32	Beverage, refillable ⁶	5,898						
32210 15	Beverage, nonrefillable ⁶	7,617	15	(2)	1,838	26,768	7	
32210 33	Beer, refillable ⁷	921						
32210 60	Beer, nonrefillable ⁷	1,695						
32210 27	Liquor.....							
32210 39	Wine.....							
APRIL 1986								
	Glass containers.....	25,787	82	(2)	1,957	27,662	7	
	Domestic shipments:							
32210 11	Food and dairy products.....	7,199	9	58	(2)	1,957	27,662	7
32210 31	Medicinal and health.....	1,122	15					
32210 37	Chemical, household, and industrial.....	157						
32210 13	Toiletries and cosmetics.....	673						
32210 32	Beverage, refillable ⁶	6,173						
32210 15	Beverage, nonrefillable ⁶	7,878	15	(2)	1,957	27,662	7	
32210 33	Beer, refillable ⁷	904						
32210 60	Beer, nonrefillable ⁷	1,681						
32210 27	Liquor.....							
32210 39	Wine.....							

¹ Revised by 3 percent or more from previously published figures. (Z) Represents less than one-half of 1 percent.

² For comparison of Standard Industrial Classification (SIC)-based product codes with Schedule B export numbers and TSUSA import numbers, see table 5 in the January 1986 report, M32G(86)-1, issued April 1986.

³ These export figures differ from those included in table 2. The figures in table 2 are limited to direct exports by glass containers producers; whereas, the figures in this table represent total exports.

⁴ Source: Bureau of the Census report EN 546, U.S. Exports.

⁵ Source: Bureau of the Census report IM 145-X, U.S. Imports for Consumption and General Imports.

⁶ Apparent consumption is derived by subtracting exports from the manufacturers' shipments plus imports.

⁷ Refillable and nonrefillable beverage category are combined to avoid disclosure of individual company data.

Refillable and nonrefillable beer category are combined to avoid disclosure of individual company data.

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CURRENT INDUSTRIAL REPORTS



U.S. Department of Commerce
BUREAU OF THE CENSUS

Glass Containers

JUNE 1986

M32G(86)-6
Issued September 1986

The statistics in this publication are based on a survey of manufacturers and represent total U.S. shipments of glass containers. Estimates are included for companies whose reports were not received in time for tabulation. A description of the survey

methodology and related information may be found in the January 1986 report for this series, M32G(86)-1, issued April 1986.

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Table 1. SUMMARY OF SHIPMENTS, PRODUCTION, AND STOCKS OF GLASS CONTAINERS: 1986 AND 1985

Month and year	(Thousands of gross)							
	Shipments			Production			Stocks, end of month	
	Total	Domestic ¹		Total	Narrow neck containers	Wide mouth containers	Narrow neck containers	Wide mouth containers
		Narrow neck containers	Wide mouth containers					
1986								
June.....	25,911	20,806	5,105	25,919	20,916	5,723	30,256	11,934
May.....	24,959	20,250	4,709	25,926	20,619	5,307	30,876	11,520
April.....	25,787	20,466	5,321	25,291	19,437	5,854	30,097	11,151
March.....	23,127	18,096	5,031	25,353	19,742	5,611	30,884	11,268
February.....	21,312	15,990	5,322	23,649	18,157	5,492	29,897	10,587
January.....	22,458	16,813	5,645	22,887	17,422	5,465	28,167	10,401
1985 ²								
Total.....	272,821	208,561	64,260	273,695	209,607	64,088	(3)	(3)
December.....	19,122	14,568	4,554	18,085	13,265	4,820	28,139	10,704
November.....	19,754	14,528	5,226	22,627	17,035	5,592	29,594	10,600
October.....	23,949	17,325	6,624	25,416	19,002	6,414	27,506	10,275
September.....	23,216	17,260	5,956	23,259	17,826	5,433	25,606	10,467
August.....	25,611	19,530	6,081	25,236	19,862	5,374	24,851	10,473
July.....	25,992	20,275	5,717	24,645	19,170	5,475	24,962	11,565
June.....	24,777	19,560	5,217	24,009	18,907	5,102	25,873	10,639
May.....	24,645	19,719	4,926	24,220	19,397	4,823	26,655	10,759
April.....	24,228	19,271	4,957	23,927	18,942	4,985	29,034	11,618
March.....	19,489	14,922	4,567	20,297	15,156	5,141	27,917	10,682
February.....	19,421	14,573	4,848	19,665	14,861	4,804	29,470	9,828
January.....	22,617	17,030	5,587	22,309	16,184	6,125	32,344	12,444

¹ Revised by 5 percent or more from previously published figures.

² Includes exports. Prior to January 1982 exports were included only in the total.

³ Data for 1985 data have been revised based on the summary for 1985, M32G(85)-13, issued May 1986.

⁴ Use December stocks as the 1985 year totals.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Pamela Glekas, (301) 763-2529.

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Table 2. GLASS CONTAINERS: SHIPMENTS, PRODUCTION, AND STOCKS

(Net packed weight in thousands of pounds; quantity in thousand gross)

Product code	Product description	Number of companies	Net packed weight produced	Shipments	Production	Stocks, end of month ¹
JUNE 1986						
	All types ^{2 3}	(NA)	1,951,614	25,911	25,919	42,210
	Narrow neck containers ³	(NA)	1,307,530	20,806	20,196	30,256
	Wide mouth containers	(NA)	443,484	5,105	5,723	11,954
By end use:						
Food:						
32210 11	Narrow neck	12	210,769	2,161	2,509	4,093
32210 31, 37	Wide mouth (including dairy)	11	443,484	5,105	5,723	11,954
Beverages: ⁴						
32210 19	Refillable	4	375,931	5,856	5,633	7,903
32210 50	Nonrefillable	10				
Beer:						
32210 23	Refillable	5	26,396	238	293	451
32210 60	Nonrefillable	10	479,516	7,842	7,019	8,326
32210 27	Liquor	11	118,240	965	918	3,053
32210 29	Wine	9	233,693	1,930	2,093	3,038
Other (narrow neck and wide mouth):						
Medicinal and health supplies: ⁵						
32210 13	Narrow neck	7	42,505	1,039	1,067	1,888
32210 32	Wide mouth	3				
Chemical, household, and industrial: ⁶						
32210 15	Narrow neck	5	7,108	102	83	298
32210 33	Wide mouth	3				
Toiletries and cosmetics: ⁷						
32210 17	Narrow neck	6	13,372	673	581	1,208
32210 34	Wide mouth	3				
MAY 1986						
	All types ^{2 3}	(NA)	1,930,642	24,959	25,926	42,396
	Narrow neck containers ³	(NA)	1,540,323	20,230	20,619	30,876
	Wide mouth containers	(NA)	410,319	4,709	5,307	11,520
By end use:						
Food:						
32210 11	Narrow neck	12	229,316	2,313	2,796	4,057
32210 31, 37	Wide mouth (including dairy)	11	408,756	4,649	5,267	11,350
Beverages: ⁴						
32210 19	Refillable	5	363,771	5,884	5,446	8,012
32210 50	Nonrefillable	10				
Beer:						
32210 23	Refillable	7	10,919	214	197	394
32210 60	Nonrefillable	10	511,104	7,528	7,410	9,251
32210 27	Liquor	11	112,128	889	852	3,066
32210 29	Wine	10	238,901	1,693	2,020	2,948
Other (narrow neck and wide mouth):						
Medicinal and health supplies: ⁵						
32210 13	Narrow neck	7	49,657	1,042	1,308	1,811
32210 32	Wide mouth	3				
Chemical, household, and industrial:						
32210 15	Narrow neck	5	5,656	44	54	130
32210 33	Wide mouth	5	1,583	60	40	170
Toiletries and cosmetics: ⁷						
32210 17	Narrow neck	7	10,871	643	534	1,207
32210 34	Wide mouth	2				

(NA) Not available. ¹Revised by 5 percent or more from previously published figures.¹Figures are limited to inventories at manufacturing establishments. For some time, the sum of the inventories at the beginning of the month does not equal inventories at the end of the month. This is due to breakage and inventory adjustment.²Includes exports. Manufacturers' shipments designated as exports amounted to 75 in June 1986 and 52 in May 1986.³Includes narrow and wide mouth combined categories to avoid disclosure of individual company data.⁴Refillable and nonrefillable beverage category are combined to avoid disclosure of individual company data.⁵Medicinal and health supplies (for narrow neck and wide mouth in June and May 1986 are combined to avoid disclosure of individual company data.⁶Narrow neck and wide mouth are combined to avoid disclosure of individual company data.⁷Narrow neck and wide mouth for toiletries and cosmetics are combined to avoid disclosure of individual company data.

Table 3. SHIPMENTS, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF GLASS CONTAINERS: 1986 AND 1985

(Quantity in thousand gross)

Month and year	Manufacturers' shipments	Exports of domestic merchandise ^{1 2 3}	Percent exports to manufacturers' shipments	Imports for consumption ⁴	Apparent consumption ⁵	Percent imports to apparent consumption
1986						
June.....	25,911	60	(2)	4,162	30,013	14
May.....	24,959	58	(2)	1,838	26,799	7
April.....	25,787	82	(3)	1,957	27,662	7
March.....	23,127	78	(3)	1,053	24,102	4
February.....	21,312	52	(2)	1,019	22,279	5
January.....	22,658	96	(3)	2,315	24,677	9
1985						
December.....	19,393	64	(3)	1,113	20,462	5
November.....	20,012	65	(3)	1,034	20,981	5
October.....	24,226	69	(3)	949	25,106	4
September.....	23,462	74	(3)	1,691	25,099	7
August.....	25,865	83	(3)	1,023	26,995	4
July.....	26,245	91	(3)	1,420	27,574	5
June.....	24,635	132	(3)	2,022	26,725	8
May.....	24,922	115	(3)	1,372	26,179	5
April.....	24,475	150	(3)	2,155	26,480	8
March.....	22,913	177	(3)	1,459	24,175	6
February.....	19,974	92	(3)	933	20,815	5

See footnotes at end of table 4.

Table 4. SHIPMENTS, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF GLASS CONTAINERS

(Quantity in thousand gross; value in thousands of dollars)

Product code	Product description	Manufacturers' shipments	Exports of domestic merchandise ^{1 2 3}	Percent exports to manufacturers' shipments	Imports for consumption ⁴	Apparent consumption ⁵	Percent imports to apparent consumption
JUNE 1986							
	Glass containers.....	25,911	60	(2)	4,162	30,013	14
	Domestic shipments:						
32210 11	Food and dairy products.....	7,264	10	42	(2)	4,162	14
32210 31	Medicinal and health.....	1,039					
32210 37	Chemical, household, and industrial.....	102					
32210 13	Toiletries and cosmetics.....	673		8	(2)	4,162	14
32210 32	Beverage, refillable ⁶	5,856					
32210 34	Beverage, nonrefillable ⁶	238					
32210 19	Beer, refillable.....	7,842		15	(2)	4,162	14
32210 50	Beer, nonrefillable.....	965					
32210 23	Liquor.....	1,930					
32210 60	Wine.....						
32210 27							
32210 39							
MAY 1986							
	Glass containers.....	24,959	58	(2)	1,838	26,799	7
	Domestic shipments:						
32210 11	Food and dairy products.....	6,962	8	39	(2)	1,838	7
32210 31	Medicinal and health.....	1,042					
32210 37	Chemical, household, and industrial.....	704					
32210 13	Toiletries and cosmetics.....	643		15	(2)	1,838	7
32210 32	Beverage, refillable ⁶	5,886					
32210 34	Beverage, nonrefillable ⁶	214					
32210 19	Beer, refillable.....	7,528		15	(2)	1,838	7
32210 50	Beer, nonrefillable.....	685					
32210 23	Liquor.....	1,093					
32210 60	Wine.....						
32210 27							
32210 39							

¹ Revised by 5 percent or more from previously published figures. (2) Represents less than one-half of 1 percent.² For comparison of Standard Industrial Classification (SIC)-based product codes with Schedule B export numbers and TRIMSA import numbers, see table 5 in the January 1986 report, HSGO(86)-1, issued April 1986.³ These export figures differ from those included in table 2. The figures in table 2 are limited to direct exports to glass containers producers; whereas, the figures in this table represent total exports.⁴ Source: Bureau of the Census report EM 546, U.S. Exports.⁵ Source: Bureau of the Census report IM 145-X, U.S. Imports for Consumption and General Imports.⁶ Apparent consumption is derived by subtracting exports from the manufacturers' shipments plus imports.⁷ Refillable and nonrefillable beverage category are combined to avoid disclosure of individual company data.

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Glass Containers



U.S. Department of Commerce
BUREAU OF THE CENSUS

JULY 1986

M32G(86)-7
Issued September 1986

The statistics in this publication are based on a survey of manufacturers and represent total U.S. shipments of glass containers. Estimates are included for companies whose reports were not received in time for tabulation. A description of the

survey methodology and related information may be found in the January 1986 report for this series, M32G(86)-1, issued April 1986.

Table 1. SUMMARY OF SHIPMENTS, PRODUCTION, AND STOCKS OF GLASS CONTAINERS: 1986 AND 1985

Month and year	(Thousands of gross)							
	Shipments			Production			Stocks, end of month	
	Total	Domestic ¹		Total	Narrow neck containers	Wide mouth containers	Narrow neck containers	Wide mouth containers
		Narrow neck containers	Wide mouth containers					
1986								
July.....	26,129	20,898	5,231	25,409	20,084	5,325	29,205	11,982
June.....	25,939	20,834	5,105	25,919	20,916	5,723	30,248	11,954
May.....	24,959	20,250	4,709	25,926	20,619	5,307	30,876	11,520
April.....	25,787	20,466	5,321	25,291	19,437	5,854	30,097	11,151
March.....	23,127	18,096	5,031	25,353	19,742	5,611	30,884	11,268
February.....	21,312	15,990	5,322	23,649	18,157	5,492	29,897	10,587
January.....	22,458	16,813	5,645	22,887	17,422	5,465	28,167	10,401
1985 ²								
Total.....	272,821	208,561	64,260	273,695	209,607	64,088	(3)	(3)
December.....	19,122	14,568	4,554	18,085	13,265	4,820	28,139	10,704
November.....	19,754	14,528	5,226	22,627	17,035	5,592	29,594	10,600
October.....	23,949	17,325	6,624	25,416	19,002	6,414	27,506	10,275
September.....	23,216	17,260	5,956	23,259	17,826	5,433	25,606	10,467
August.....	25,611	19,530	6,081	25,236	19,862	5,374	24,851	10,473
July.....	25,992	20,275	5,717	24,645	19,170	5,475	24,962	11,565
June.....	24,777	19,560	5,217	24,009	18,907	5,102	25,873	10,639
May.....	24,645	19,719	4,926	24,220	19,397	4,823	26,655	10,759
April.....	24,228	19,271	4,957	23,927	18,942	4,985	29,034	11,618
March.....	19,489	14,922	4,567	20,297	15,156	5,141	27,917	10,682
February.....	19,421	14,573	4,848	19,665	14,861	4,804	29,470	9,828
January.....	22,617	17,030	5,587	22,309	16,184	6,125	32,344	12,448

¹Includes exports. Prior to January 1982 exports were included only in the total.

²Data for 1985 have been revised based on the summary for 1985, M32G(85)-13, issued May 1986.

³Use December stocks as the 1985 year totals.

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C3.158:

Table 2. GLASS CONTAINERS: SHIPMENTS, PRODUCTION, AND STOCKS
(Net packed weight in thousands of pounds; quantity in thousand gross)

(Net packed weight in thousands of pounds; quantity in thousand gross)						
Product code	Product description	Number of companies	Net packed weight produced	Shipments	Production	Stocks, end of month ¹
JULY 1986						
	All types ^{2 3}	(NA)	1,919,464	26,129	25,409	41,187
	Narrow neck containers ³	(NA)	1,490,591	20,898	20,084	29,205
	Wide mouth containers	(NA)	428,873	5,231	5,325	11,982
	By end use:					
	Food:					
32210 11	Narrow neck	12	235,972	2,176	2,929	4,515
32210 31, 37	Wide mouth (including dairy)	12	424,116	5,152	5,254	11,804
	Beverages: ⁴					
32210 19	Refillable	3	369,567	5,899	5,633	7,637
32210 50	Nonrefillable	11				
	Beer:					
32210 23	Refillable	5	26,978	207	302	606
32210 60	Nonrefillable	10	500,453	8,126	7,265	7,415
32210 27	Liquor	11	109,400	905	765	2,934
32210 29	Wine	9	194,490	1,965	1,615	2,805
	Other (narrow neck and wide mouth):					
	Medicinal and health supplies: ⁵					
32210 13	Narrow neck	7	38,762	1,002	949	1,908
32210 32	Wide mouth	4				
	Chemical, household, and industrial:					
32210 15	Narrow neck	6	1,329	34	33	134
32210 33	Wide mouth	6	4,757	79	71	178
	Toiletries and cosmetics: ⁶					
32210 17	Narrow neck	7	13,640	584	593	1,251
32210 34	Wide mouth	4				
JUNE 1986						
	All types ^{2 3}	(NA)	1,951,014	25,939	25,919	42,202
	Narrow neck containers ³	(NA)	1,507,530	20,834	20,196	30,248
	Wide mouth containers	(NA)	443,484	5,105	5,723	11,954
	By end use:					
	Food:					
32210 11	Narrow neck	12	210,769	2,161	2,509	4,093
32210 31, 37	Wide mouth (including dairy)	11	443,484	5,105	5,723	11,954
	Beverages: ⁴					
32210 19	Refillable	4	375,931	5,856	5,633	7,903
32210 50	Nonrefillable	10				
	Beer:					
32210 23	Refillable	5	26,396	238	293	451
32210 60	Nonrefillable	10	479,516	7,842	7,019	8,326
32210 27	Liquor	11	118,240	965	918	3,053
32210 29	Wine	9	233,693	1,930	2,093	3,038
	Other (narrow neck and wide mouth):					
	Medicinal and health supplies: ⁵					
32210 13	Narrow neck	7	42,505	1,067	1,067	1,880
32210 32	Wide mouth	3				
	Chemical, household, and industrial: ⁷					
32210 15	Narrow neck	5	7,108	102	83	298
32210 33	Wide mouth	3				
	Toiletries and cosmetics: ⁶					
32210 17	Narrow neck	6	13,372	673	581	1,206
32210 34	Wide mouth	3				

(NA) Not available.

¹Figures are limited to inventories at manufacturing establishments. For some time, the sum of the inventories at the beginning of the month does not equal inventories at the end of the month. This is due to breakage and inventory adjustment.

²Includes exports. Manufacturers' shipments designated as exports amounted to 47 in July 1986 and 75 in June 1986.

³Includes narrow and wide mouth combined categories to avoid disclosure of individual company data.

⁴Refillable and nonrefillable beverage category are combined to avoid disclosure of individual company data.

⁵Medicinal and health supplies for narrow neck and wide mouth in July and June 1986 are combined to avoid disclosure of individual company data.

⁶Narrow neck and wide mouth for toiletries and cosmetics are combined to avoid disclosure of individual company data.

⁷Narrow neck and wide mouth are combined to avoid disclosure of individual company data.

Table 3. SHIPMENTS, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF GLASS CONTAINERS: 1986 AND 1985

(Quantity in thousand gross)						
Month and year	Manufacturers' shipments	Exports of domestic merchandise ^{1 2 3}	Percent exports to manufacturers' shipments	Imports for consumption ⁴	Apparent consumption ⁵	Percent imports to apparent consumption
1986						
July.....	26,129	81	(Z)	3,357	29,405	11
June.....	25,939	60	(Z)	2,097	27,976	7
May.....	24,959	58	(Z)	1,838	26,739	7
April.....	25,787	82	(Z)	1,957	27,662	7
March.....	23,127	78	(Z)	1,053	24,102	4
February.....	21,312	52	(Z)	1,019	22,279	5
January.....	22,458	96	(Z)	2,315	24,677	9
1985						
December.....	19,393	44	(Z)	1,113	20,462	5
November.....	20,012	65	(Z)	1,034	20,981	5
October.....	24,226	69	(Z)	949	25,106	4
September.....	23,482	74	(Z)	1,691	25,099	7
August.....	25,865	83	(Z)	1,023	26,995	4
July.....	26,245	91	(Z)	1,420	27,574	5
June.....	24,835	132	(Z)	2,022	26,725	8
May.....	24,922	115	(Z)	1,372	26,179	5
April.....	24,475	150	(Z)	2,155	26,480	8
March.....	22,913	177	(Z)	1,439	24,175	6
February.....	19,974	92	(Z)	933	20,815	5

See footnotes at end of table 4.

Table 4. SHIPMENTS, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF GLASS CONTAINERS

(Quantity in thousand gross; value in thousands of dollars)								
Product code	Product description	Manufacturers' shipments	Exports of domestic merchandise ^{1 2 3}	Percent exports to manufacturers' shipments	Imports for consumption ⁴	Apparent consumption ⁵	Percent imports to apparent consumption	
JULY 1986								
	Glass containers.....	26,129	81	(Z)	3,357	29,405	11	
	Domestic shipments:							
32210 11	Food and dairy products.....	7,328	13	}	(Z)	3,357	29,405	11
32210 31								
32210 13	Medicinal and health.....	1,002	29					
32210 32								
32210 15	Chemical, household, and industrial.....	113	29					
32210 33								
32210 17	Toiletries and cosmetics.....	584	29					
32210 34								
32210 19	Beverage, refillable ⁶	5,899	39	(Z)	3,357	29,405	11	
32210 50								
32210 23	Beer, refillable.....	207	39					
32210 60								
32210 27	Beer, nonrefillable.....	8,126	39					
32210 39								
	Liquor.....	905						
	Wine.....	1,965						
JUNE 1986								
	Glass containers.....	25,939	60	(Z)	2,097	27,976	7	
	Domestic shipments:							
32210 11	Food and dairy products.....	7,266	10	}	(Z)	2,097	27,976	7
32210 31								
32210 37	Medicinal and health.....	1,067	42					
32210 13								
32210 32	Chemical, household, and industrial.....	102	42					
32210 15								
32210 33	Toiletries and cosmetics.....	673	42					
32210 17								
32210 34	Beverage, refillable ⁶	5,856	8	(Z)	2,097	27,976	7	
32210 19								
32210 50	Beverage, nonrefillable ⁶	238	8					
32210 23								
32210 60	Beer, refillable.....	7,842	8					
32210 27								
32210 39	Beer, nonrefillable.....	965	8					
	Liquor.....	1,930						
	Wine.....	1,930						

¹ Revised by 5 percent or more from previously published figures. (Z) Represents less than one-half of 1 percent.

² For comparison of Standard Industrial Classification (SIC)-based product codes with Schedule B export numbers and TSUSA import numbers, see table 5 in the January 1986 report, M32G(86)-1, issued April 1986.

³ These export figures differ from those included in table 2. The figures in table 2 are limited to direct exports by glass containers producers; whereas, the figures in this table represent total exports.

⁴ Source: Bureau of the Census report EN 546, U.S. Exports.

⁵ Source: Bureau of the Census report IM 145-X, U.S. Imports for Consumption and General Imports.

⁶ Apparent consumption is derived by subtracting exports from the manufacturers' shipments plus imports.

⁷ Refillable and nonrefillable beverage category are combined to avoid disclosure of individual company data.

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M 32 G(86)-8

CURRENT INDUSTRIAL REPORTS

Glass Containers



U.S. Department of Commerce
BUREAU OF THE CENSUS

AUGUST 1986

M32G(86)-8
Issued October 1986

The statistics in this publication are based on a survey of manufacturers and represent total U.S. shipments of glass containers. Estimates are included for companies whose reports were not received in time for tabulation. A description of the

survey methodology and related information may be found in the January 1986 report for this series, M32G(86)-1, issued April 1986.

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Table 1. SUMMARY OF SHIPMENTS, PRODUCTION, AND STOCKS OF GLASS CONTAINERS 1985 AND 1986

(Thousands of gross)

Month and year	Shipments			Production			Stocks, end of month	
	Total	Domestic ¹		Total	Narrow neck containers	Wide mouth containers	Narrow neck containers	Wide mouth containers
		Narrow neck containers	Wide mouth containers					
1986								
August.....	24,637	19,019	5,618	25,430	19,855	5,575	29,278	11,767
July.....	26,129	20,898	5,231	25,409	20,084	5,325	28,767	11,982
June.....	25,939	20,834	5,105	25,919	20,916	5,723	30,248	11,954
May.....	24,959	20,250	4,709	25,926	20,619	5,307	30,876	11,520
April.....	25,787	20,466	5,321	25,291	19,437	5,854	30,097	11,151
March.....	23,127	18,096	5,031	25,353	19,742	5,611	30,884	11,268
February.....	21,312	15,990	5,322	23,649	18,157	5,492	29,897	10,587
January.....	22,458	16,813	5,645	22,887	17,422	5,465	28,167	10,401
1985²								
Total.....	272,821	208,561	64,260	273,695	209,607	64,088	(3)	(3)
December.....	19,122	14,568	4,554	18,085	13,265	4,820	28,139	10,704
November.....	19,754	14,528	5,226	22,627	17,035	5,592	29,594	10,600
October.....	23,949	17,325	6,624	25,416	19,002	6,414	27,506	10,275
September.....	23,216	17,260	5,956	23,259	17,826	5,433	25,606	10,467
August.....	25,611	19,530	6,081	25,236	19,862	5,374	24,851	10,473
July.....	25,992	20,275	5,717	24,645	19,170	5,475	24,962	11,565
June.....	24,777	19,560	5,217	24,009	18,907	5,102	25,873	10,639
May.....	24,645	19,719	4,926	24,220	19,397	4,823	26,655	10,759
April.....	24,228	19,271	4,957	23,927	18,942	4,985	29,034	11,618
March.....	19,489	14,922	4,567	20,297	15,156	5,141	27,917	10,682
February.....	19,421	14,573	4,848	19,665	14,861	4,804	29,470	9,828
January.....	22,617	17,030	5,587	22,309	16,184	6,125	32,344	12,448

¹Includes exports. Prior to January 1982 exports were included only in the total.

²Data for 1985 have been revised based on the summary for 1985, M32G(85)-13, issued May 1986.

³Use December stocks as the 1985 year totals.

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Table 2. GLASS CONTAINERS: SHIPMENTS, PRODUCTION, AND STOCKS

(Net packed weight in thousands of pounds; quantity in thousand gross)

(Net packed weight in thousands of pounds; quantity in thousand gross)						
Product code	Product description	Number of companies	Net packed weight produced	Shipments	Production	Stocks, end of month ¹
AUGUST 1986						
	All types ^{2 3}	(NA)	1,911,741	24,637	25,430	41,045
	Narrow neck containers ³	(NA)	1,467,299	19,019	19,855	29,278
	Wide mouth containers	(NA)	444,442	5,618	5,575	11,767
	By end use:					
	Food:					
32210 11	Narrow neck	12	247,256	2,590	2,953	4,500
32210 31, 37	Wide mouth (including dairy)	12	444,442	5,618	5,575	11,767
	Beverages: ⁴					
32210 19	Refillable	4	337,495	5,248	5,008	7,322
32210 50	Nonrefillable	9				
	Beer:					
32210 23	Refillable	5	26,007	284	265	354
32210 60	Nonrefillable	10	497,276	6,844	7,772	8,330
32210 27	Liquor	11	121,935	839	904	2,971
32210 29	Wine	9	196,726	1,685	1,475	2,560
	Other (narrow neck and wide mouth):					
	Medicinal and health supplies: ⁵					
32210 13	Narrow neck	7	26,136	975	928	1,931
32210 32	Wide mouth	3				
	Chemical, household, and industrial:					
32210 15	Narrow neck ⁶	6	(D)	(D)	(D)	(D)
32210 33	Wide mouth	5				
	Toiletries and cosmetics: ⁷					
32210 17	Narrow neck	6	10,640	475	545	869
32210 34	Wide mouth	4				
JULY 1986						
	All types ^{2 3}	(NA)	1,919,464	26,129	25,409	40,749
	Narrow neck containers ³	(NA)	1,490,591	20,898	20,084	28,767
	Wide mouth containers	(NA)	428,873	5,231	5,325	11,982
	By end use:					
	Food:					
32210 11	Narrow neck	12	235,972	2,176	2,929	4,515
32210 31, 37	Wide mouth (including dairy)	12	424,116	5,152	5,254	11,804
	Beverages: ⁴					
32210 19	Refillable	3	369,567	5,899	5,633	7,637
32210 50	Nonrefillable	11				
	Beer:					
32210 23	Refillable	5	26,978	207	302	606
32210 60	Nonrefillable	10	500,453	8,126	7,265	7,415
32210 27	Liquor	11	109,400	905	765	2,934
32210 29	Wine	9	194,490	1,965	1,615	2,805
	Other (narrow neck and wide mouth):					
	Medicinal and health supplies: ⁵					
32210 13	Narrow neck	7	38,762	1,002	949	1,908
32210 32	Wide mouth	4				
	Chemical, household, and industrial:					
32210 15	Narrow neck	6	1,329	34	33	134
32210 33	Wide mouth	6	4,757	79	71	178
	Toiletries and cosmetics: ⁷					
32210 17	Narrow neck	7	13,640	584	593	813
32210 34	Wide mouth	4				

(D) Data withheld to avoid disclosing figures for individual companies. In some cases, figures which are otherwise publishable are withheld to avoid indirect disclosing by subtraction from higher-level totals or from related figures. (NA) Not available. ¹Revised by 5 percent or more from previously published figures.

¹Figures are limited to inventories at manufacturing establishments. For some time, the sum of the inventories at the beginning of the month does not equal inventories at the end of the month. This is due to breakage and inventory adjustment.

²Includes exports. Manufacturers' shipments designated as exports amounted to 37 in August 1986 and 55 in July 1986.

³Includes narrow and wide mouth combined categories to avoid disclosure of individual company data.

⁴Refillable and nonrefillable beverage category are combined to avoid disclosure of individual company data.

⁵Medicinal and health supplies for narrow neck and wide mouth in August and July 1986 are combined to avoid disclosure of individual company data.

⁶Narrow neck and wide mouth are combined with totals for narrow neck containers for disclosure purposes.

⁷Narrow neck and wide mouth for toiletries and cosmetics are combined to avoid disclosure of individual company data.

Table 3. SHIPMENTS, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF GLASS CONTAINERS: 1986 AND 1985

(Quantity in thousand gross)						
Month and year	Manufac- turers' shipments	Exports of domestic merchandise ^{1 2 3}	Percent exports to manufac- turers' shipments	Imports for consumption ⁴	Apparent consumption ⁵	Percent imports to apparent consumption
1986						
August.....	24,637	109	(Z)	2,084	26,612	8
July.....	26,129	81	(Z)	3,357	29,405	11
June.....	25,939	60	(Z)	2,097	27,976	7
May.....	24,959	58	(Z)	1,838	26,739	7
April.....	25,787	82	(Z)	1,957	27,662	7
March.....	23,127	78	(Z)	1,053	24,102	4
February.....	21,312	52	(Z)	1,019	22,279	5
January.....	22,458	96	(Z)	2,315	24,677	9
1985 ⁶						
December.....	19,122	44	(Z)	1,113	20,191	6
November.....	19,754	65	(Z)	1,034	20,723	5
October.....	23,949	69	(Z)	949	24,829	4
September.....	23,216	74	(Z)	1,691	21,451	8
August.....	25,611	83	(Z)	1,023	26,551	4
July.....	25,992	91	(Z)	1,420	27,321	5
June.....	24,777	132	(Z)	2,022	26,667	8
May.....	24,645	115	(Z)	1,372	25,902	5
April.....	24,228	150	(Z)	2,155	26,233	8
March.....	19,489	177	(Z)	1,439	20,751	7
February.....	19,421	92	(Z)	933	20,262	5
January.....	22,617	142	(Z)	880	23,355	4

See footnotes at end of table 4.

Table 4. SHIPMENTS, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF GLASS CONTAINERS

(Quantity in thousand gross; value in thousands of dollars)							
Product code	Product description	Manufacturers' shipments	Exports of domestic merchandise ^{1 2 3}	Percent exports to manufacturers' shipments	Imports for consumption ⁴	Apparent consumption ⁵	Percent imports to apparent consumption
AUGUST 1986							
	Glass containers.....	24,637	109	(Z)	2,084	26,612	8
	Domestic shipments:						
32210 11	Food and dairy products.....	8,208	24	}	(Z)	2,084	8
32210 31							
32210 37	Medicinal and health.....	975	30				
32210 13							
32210 32	Chemical, household, and industrial.....	(D)	55				
32210 15							
32210 33	Toiletries and cosmetics.....	475	39				
32210 17							
32210 34	Beverage, refillable ⁷	5,248	284				
32210 19							
32210 50	Beverage, nonrefillable ⁷	6,844	839				
32210 23							
32210 60	Beer, nonrefillable.....	1,685					
32210 27							
32210 39	Wine.....						
JULY 1986							
	Glass containers.....	26,129	81	(Z)	3,357	29,405	11
	Domestic shipments:						
32210 11	Food and dairy products.....	7,328	13	}	(Z)	3,357	11
32210 31							
32210 37	Medicinal and health.....	1,002	29				
32210 13							
32210 32	Chemical, household, and industrial.....	113	39				
32210 15							
32210 33	Toiletries and cosmetics.....	584					
32210 17							
32210 34	Beverage, refillable ⁷	5,899	207				
32210 19							
32210 50	Beverage, nonrefillable ⁷	8,126	905				
32210 23							
32210 60	Beer, nonrefillable.....	1,965					
32210 27							
32210 39	Wine.....						

(D) Data withheld to avoid disclosing figures for individual companies.
figures. (Z) Represents less than one-half of 1 percent.

⁷ Revised by 5 percent or more from previously published figures.

¹ For comparison of Standard Industrial Classification (SIC)-based product codes with Schedule B export numbers and TSUSA import numbers, see table 3 in the January 1986 report, M32G(86)-1, issued April 1986.

² These export figures differ from those included in table 2. The figures in table 2 are limited to direct exports by glass containers producers; whereas, the figures in this table represent total exports.

³ Source: Bureau of the Census report EM 546, U.S. Exports.

⁴ Source: Bureau of the Census report IM 145-X, U.S. Imports for Consumption and General Imports.

⁵ Apparent consumption is derived by subtracting exports from the manufacturers' shipments plus imports.

⁶ Data for 1985 have been revised based on the summary for 1985, M32G(85)-13, issued May 1986.

⁷ Refillable and nonrefillable beverage category are combined to avoid disclosure of individual company data.

U.S. Department of Commerce
BUREAU OF THE CENSUS
Washington, D.C. 20233

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M 32 G(86)-9

CURRENT INDUSTRIAL REPORTS

Glass Containers



U.S. Department of Commerce
BUREAU OF THE CENSUS

SEPTEMBER 1986

M32G(86)-9
Issued December 1986

The statistics in this publication are based on a survey of manufacturers and represent total U.S. shipments of glass containers. Estimates are included for companies whose reports were not received in time for tabulation. A description of the

survey methodology and related information may be found in the January 1986 report for this series, M32G(86)-1, issued April 1986.

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U. S. GOVT. PUBL.
DEPOSITORY 328

Table 1. SUMMARY OF SHIPMENTS, PRODUCTION, AND STOCKS OF GLASS CONTAINERS: 1986 AND 1985

(Thousands of gross)

Month and year	Shipments			Production			Stocks, end of month	
	Total	Domestic ¹		Total	Narrow neck containers	Wide mouth containers	Narrow neck containers	Wide mouth containers
		Narrow neck containers	Wide mouth containers					
1986								
September.....	23,553	17,732	5,821	23,556	18,164	5,392	29,566	11,158
August.....	24,637	19,019	5,618	25,171	19,596	5,575	29,313	11,767
July.....	26,129	20,898	5,231	25,409	20,084	5,325	28,767	11,982
June.....	25,939	20,834	5,105	25,919	20,916	5,723	30,248	11,954
May.....	24,959	20,250	4,709	25,926	20,619	5,307	30,876	11,520
April.....	25,787	20,466	5,321	25,291	19,437	5,854	30,097	11,151
March.....	23,127	18,096	5,031	25,353	19,742	5,611	30,884	11,268
February.....	21,312	15,990	5,322	23,649	18,157	5,492	29,897	10,587
January.....	22,458	16,813	5,645	22,887	17,422	5,465	28,167	10,401
1985								
Total.....	272,821	208,561	64,260	273,695	209,607	64,088	(X)	(X)
December.....	19,122	14,568	4,554	18,085	13,265	4,820	28,139	10,704
November.....	19,754	14,528	5,226	22,627	17,035	5,592	29,594	10,600
October.....	23,949	17,325	6,624	25,416	19,002	6,414	27,506	10,275
September.....	23,216	17,260	5,956	23,259	17,826	5,433	25,606	10,467
August.....	25,611	19,530	6,081	25,236	19,862	5,374	24,851	10,473
July.....	25,992	20,275	5,717	24,645	19,170	5,475	24,962	11,565
June.....	24,777	19,560	5,217	24,009	18,907	5,102	25,873	10,639
May.....	24,645	19,719	4,926	24,220	19,397	4,823	26,655	10,759
April.....	24,228	19,271	4,957	23,927	18,942	4,985	29,034	11,618
March.....	19,489	14,922	4,567	20,297	15,156	5,141	27,917	10,682
February.....	19,421	14,573	4,848	19,665	14,861	4,804	29,470	9,828
January.....	22,617	17,030	5,587	22,309	16,184	6,125	32,344	12,448

(X) Not applicable.

¹ Includes exports. Prior to January 1982 exports were included only in the total.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Pamela Glekas, (301) 763-2529.

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C 3.158:

Table 2. GLASS CONTAINERS: SHIPMENTS, PRODUCTION, AND STOCKS
(Net packed weight in thousands of pounds; quantity in thousand gross)

Product code	Product description	Number of companies	Net packed weight produced	Shipments	Production	Stocks, end of month ¹
SEPTEMBER 1986						
	All types ^{2 3}	(NA)	1,799,973	23,553	23,556	40,724
	Narrow neck containers.....	(NA)	1,369,726	17,732	18,164	29,566
	Wide mouth containers.....	(NA)	430,247	5,821	5,392	11,158
	By end use:					
	Food:					
32210 11	Narrow neck.....	12	214,339	2,578	2,423	4,296
32210 31, 37	Wide mouth (including dairy).....	12	430,247	5,821	5,392	11,158
	Beverages: ⁴					
32210 19	Refillable.....	5	358,522	4,687	5,571	8,204
32210 50	Nonrefillable.....	11				
	Beer:					
32210 23	Refillable.....	6	23,099	370	281	466
32210 60	Nonrefillable.....	10	429,808	6,595	6,337	8,028
32210 27	Liquor.....	11	135,557	944	956	2,983
32210 29	Wine.....	10	168,406	1,077	1,079	2,498
	Other (narrow neck and wide mouth):					
	Medicinal and health supplies: ⁵					
32210 13	Narrow neck.....	6	27,773	967	960	1,930
32210 32	Wide mouth.....	4				
	Chemical, household, and industrial:					
32210 15	Narrow neck ⁵	5	4,013	78	61	247
32210 33	Wide mouth.....	6				
	Toiletries and cosmetics: ⁵					
32210 17	Narrow neck.....	6	8,209	436	496	914
32210 34	Wide mouth.....	4				
AUGUST 1986						
	All types ^{2 3}	(NA)	1,890,351	24,637	25,171	41,080
	Narrow neck containers.....	(NA)	1,445,909	19,019	19,596	29,313
	Wide mouth containers.....	(NA)	444,442	5,618	5,575	11,767
	By end use:					
	Food:					
32210 11	Narrow neck.....	12	225,866	2,590	2,639	4,500
32210 31, 37	Wide mouth (including dairy).....	12	444,442	5,618	5,575	11,767
	Beverages: ⁴					
32210 19	Refillable.....	4	337,495	5,248	5,008	7,322
32210 50	Nonrefillable.....	9				
	Beer:					
32210 23	Refillable.....	5	26,007	284	265	554
32210 60	Nonrefillable.....	10	497,276	6,844	7,772	8,330
32210 27	Liquor.....	11	121,935	839	904	2,971
32210 29	Wine.....	9	196,726	1,685	1,475	2,560
	Other (narrow neck and wide mouth):					
	Medicinal and health supplies: ⁵					
32210 13	Narrow neck.....	7	26,136	975	928	1,931
32210 32	Wide mouth.....	3				
	Chemical, household, and industrial:					
32210 15	Narrow neck ⁵	6	3,828	79	60	276
32210 33	Wide mouth.....	5				
	Toiletries and cosmetics: ⁵					
32210 17	Narrow neck.....	6	10,640	475	545	869
32210 34	Wide mouth.....	4				

(NA) Not available. ^r Revised by 5 percent or more from previously published figures.

¹Figures are limited to inventories at manufacturing establishments. For some time, the sum of the inventories at the beginning of the month does not equal inventories at the end of the month. This is due to breakage and inventory adjustment.

²Includes exports. Manufacturers' shipments designated as exports amounted to 47 in September 1986 and 37 in August 1986.

³Includes narrow and wide mouth combined categories to avoid disclosure of individual company data.

⁴Refillable and nonrefillable beverage category are combined to avoid disclosure of individual company data.

⁵Narrow neck and wide mouth for medicinal and health; chemical, household, and industrial; and toiletries and cosmetics are combined to avoid disclosure of individual company data.

Table 3. SHIPMENTS, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF GLASS CONTAINERS: 1986 AND 1985

(Quantity in thousand gross)						
Month and year	Manufacturers' shipments	Exports of domestic merchandise ¹ 2 3	Percent exports to manufacturers' shipments	Imports for consumption ⁴	Apparent consumption ⁵	Percent imports to apparent consumption
1986						
September.....	23,553	74	(Z)	2,000	25,479	8
August.....	24,637	109	(Z)	2,084	26,612	8
July.....	26,129	81	(Z)	3,357	29,405	11
June.....	25,939	60	(Z)	2,097	27,976	7
May.....	24,959	58	(Z)	1,838	26,739	7
April.....	25,787	82	(Z)	1,957	27,662	7
March.....	23,127	78	(Z)	1,053	24,102	4
February.....	21,312	52	(Z)	1,019	22,279	5
January.....	22,458	96	(Z)	2,315	24,677	9
1985						
December.....	19,122	44	(Z)	1,113	20,191	6
November.....	19,754	65	(Z)	1,034	20,723	5
October.....	23,949	69	(Z)	949	24,829	4
September.....	23,216	74	(Z)	1,691	21,451	8
August.....	25,611	83	(Z)	1,023	26,551	4
July.....	25,992	91	(Z)	1,420	27,321	5
June.....	24,777	132	(Z)	2,022	26,667	8
May.....	24,645	115	(Z)	1,372	25,902	5
April.....	24,228	150	(Z)	2,155	26,233	8
March.....	19,489	177	(Z)	1,439	20,751	7
February.....	19,421	92	(Z)	933	20,262	5
January.....	22,617	142	(Z)	880	23,355	4

See footnotes at end of table 4.

Table 4. SHIPMENTS, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF GLASS CONTAINERS

(Quantity in thousand gross; value in thousands of dollars)

Product code	Product description	Manufacturers' shipments	Exports of domestic merchandise ^{1 2 3}	Percent exports to manufacturers' shipments	Imports for consumption ⁴	Apparent consumption ⁵	Percent imports to apparent consumption	
SEPTEMBER 1986								
	Glass containers.....	23,553	74	(Z)	2,000	25,479	8	
	Domestic shipments:							
32210 11	Food and dairy products.....	8,399	17	}	(Z)	2,000	25,479	8
32210 31								
32210 37	Medicinal and health.....	967	25					
32210 13								
32210 32	Chemical, household, and industrial.....	78	}					
32210 15								
32210 33	Toiletries and cosmetics.....	436	}	(Z)	2,000	25,479	8	
32210 17								
32210 34	Beverage, refillable ⁶	4,687	}	(Z)	2,000	25,479	8	
32210 19								
32210 50	Beverage, nonrefillable ⁶	370	}	(Z)	2,000	25,479	8	
32210 23								
32210 60	Beer, nonrefillable.....	6,595	32	(Z)	2,000	25,479	8	
32210 27								
32210 39	Liquor.....	944	}	(Z)	2,000	25,479	8	
	Wine.....	1,077						
AUGUST 1986								
	Glass containers.....	24,637	109	(Z)	2,084	26,612	8	
	Domestic shipments:							
32210 11	Food and dairy products.....	8,208	24	}	(Z)	2,084	26,612	8
32210 31								
32210 37	Medicinal and health.....	975	30					
32210 13								
32210 32	Chemical, household, and industrial.....	79	}					
32210 15								
32210 33	Toiletries and cosmetics.....	475	}	(Z)	2,084	26,612	8	
32210 17								
32210 34	Beverage, refillable ⁶	5,248	}	(Z)	2,084	26,612	8	
32210 19								
32210 50	Beverage, nonrefillable ⁶	284	}	(Z)	2,084	26,612	8	
32210 23								
32210 60	Beer, nonrefillable.....	6,844	55	(Z)	2,084	26,612	8	
32210 27								
32210 39	Liquor.....	839	}	(Z)	2,084	26,612	8	
	Wine.....	1,685						

(Z) Represents less than one-half of 1 percent.

¹ For comparison of Standard Industrial Classification (SIC)-based product codes with Schedule B export numbers and TSUSA import numbers, see table 5 in the January 1986 report, M32C(86)-1, issued April 1986.² These export figures differ from those included in table 2. The figures in table 2 are limited to direct exports by glass containers producers; whereas, the figures in this table represent total exports.³ Source: Bureau of the Census report EM 546, U.S. Exports.⁴ Source: Bureau of the Census report IM 145-X, U.S. Imports for Consumption and General Imports.⁵ Apparent consumption is derived by subtracting exports from the manufacturers' shipments plus imports.⁶ Refillable and nonrefillable beverage category are combined to avoid disclosure of individual company data.

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M32(G(86)-10

CURRENT INDUSTRIAL REPORTS

Glass Containers



U.S. Department of Commerce
BUREAU OF THE CENSUS

OCTOBER 1986

M32G(86)-10
Issued January 1987

The statistics in this publication are based on a survey of manufacturers and represent total U.S. shipments of glass containers. Estimates are included for companies whose reports were not received in time for tabulation. A description of the

survey methodology and related information may be found in the January 1986 report for this series, M32G(86)-1, issued April 1986.

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DEPOSITORY 376

Table 1. SUMMARY OF SHIPMENTS, PRODUCTION, AND STOCKS OF GLASS CONTAINERS: 1986 AND 1985

(Thousands of gross)

Month and year	(Thousands of gross)							
	Shipments			Production			Stocks, end of month	
	Total	Domestic ¹		Total	Narrow neck containers	Wide mouth containers	Narrow neck containers	Wide mouth containers
		Narrow neck containers	Wide mouth containers					
1986								
October.....	25,458	18,449	7,009	25,598	19,134	6,464	30,382	10,555
September.....	23,762	17,941	5,821	23,556	18,164	5,392	29,381	11,158
August.....	24,637	19,019	5,618	25,171	19,596	5,575	29,313	11,767
July.....	26,129	20,898	5,231	25,409	20,084	5,325	28,767	11,982
June.....	25,939	20,834	5,105	25,919	20,916	5,723	30,248	11,954
May.....	24,959	20,250	4,709	25,926	20,619	5,307	30,876	11,520
April.....	25,787	20,466	5,321	25,291	19,437	5,854	30,097	11,151
March.....	23,127	18,096	5,031	25,353	19,742	5,611	30,884	11,268
February.....	21,312	15,990	5,322	23,649	18,157	5,492	29,897	10,587
January.....	22,458	16,813	5,645	22,887	17,422	5,465	28,167	10,401
1985								
Total.....	272,821	208,561	64,260	273,695	209,607	64,088	(X)	(X)
December.....	19,122	14,568	4,554	18,085	13,265	4,820	28,139	10,704
November.....	19,754	14,528	5,226	22,627	17,035	5,592	29,594	10,600
October.....	23,949	17,325	6,624	25,416	19,002	6,414	27,506	10,275
September.....	23,216	17,260	5,956	23,259	17,826	5,433	25,606	10,467
August.....	25,611	19,530	6,081	25,236	19,862	5,374	24,851	10,473
July.....	25,992	20,275	5,717	24,645	19,170	5,475	24,962	11,565
June.....	24,777	19,560	5,217	24,009	18,907	5,102	25,873	10,639
May.....	24,645	19,719	4,926	24,220	19,397	4,823	26,655	10,759
April.....	24,228	19,271	4,957	23,927	18,942	4,985	29,034	11,618
March.....	19,489	14,922	4,567	20,297	15,156	5,141	27,917	10,682
February.....	19,421	14,573	4,848	19,665	14,861	4,804	29,470	9,828
January.....	22,617	17,030	5,587	22,309	16,184	6,125	32,344	12,448

(X) Not applicable.

¹ Includes exports. Prior to January 1982 exports were included only in the total.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Pamela Glekas, (301) 763-2529.
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C 3.158:

Table 2. GLASS CONTAINERS: SHIPMENTS, PRODUCTION, AND STOCKS

(Net packed weight in thousands of pounds; quantity in thousand gross)

Product code	Product description	Number of companies	Net packed weight produced	Shipments	Production	Stocks, end of month ¹
OCTOBER 1986						
	All types ²	(NA)	1,992,809	23,458	25,598	40,937
	Narrow neck containers ³	(NA)	1,467,677	18,449	19,134	30,382
	Wide mouth containers.....	(NA)	525,132	7,009	6,464	10,555
	By end use:					
	Food:					
32210 11	Narrow neck.....	12	171,811	2,117	2,077	4,279
32210 31, 37	Wide mouth (including dairy).....	12	525,132	7,009	6,464	10,555
	Beverages: ⁴					
32210 19	Refillable.....	6	365,320	4,856	5,500	8,830
32210 50	Nonrefillable.....	11				
	Beer:					
32210 23	Refillable.....	6	17,532	279	202	389
32210 60	Nonrefillable.....	10	503,035	7,055	7,402	8,512
32210 27	Liquor.....	11	129,905	1,063	900	2,801
32210 29	Wine.....	10	221,175	1,345	1,359	2,686
	Other (narrow neck and wide mouth):					
	Medicinal and health supplies: ⁵					
32210 13	Narrow neck.....	7	38,377	999	971	1,927
32210 32	Wide mouth.....	4				
	Chemical, household, and industrial:					
32210 15	Narrow neck ⁵	6	7,157	161	111	176
32210 33	Wide mouth.....	5				
	Toiletries and cosmetics: ⁵					
32210 17	Narrow neck.....	7	13,365	574	612	782
32210 34	Wide mouth.....	4				
SEPTEMBER 1986						
	All types ²	(NA)	1,799,973	23,762	23,556	40,539
	Narrow neck containers ³	(NA)	1,369,726	17,941	18,164	29,381
	Wide mouth containers.....	(NA)	430,247	5,821	5,392	11,158
	By end use:					
	Food:					
32210 11	Narrow neck.....	12	214,339	2,578	2,423	4,296
32210 31, 37	Wide mouth (including dairy).....	12	430,247	5,821	5,392	11,158
	Beverages: ⁴					
32210 19	Refillable.....	5	358,522	4,687	5,571	8,204
32210 50	Nonrefillable.....	11				
	Beer:					
32210 23	Refillable.....	6	23,099	370	281	466
32210 60	Nonrefillable.....	10	429,808	6,595	6,337	8,028
32210 27	Liquor.....	11	135,557	944	956	2,983
32210 29	Wine.....	10	168,406	1,077	1,079	2,498
	Other (narrow neck and wide mouth):					
	Medicinal and health supplies: ⁵					
32210 13	Narrow neck.....	6	27,773	967	960	1,930
32210 32	Wide mouth.....	4				
	Chemical, household, and industrial:					
32210 15	Narrow neck ⁵	5	4,013	105	61	232
32210 33	Wide mouth.....	6				
	Toiletries and cosmetics: ⁵					
32210 17	Narrow neck.....	6	8,209	618	496	744
32210 34	Wide mouth.....	4				

(NA) Not available.

¹Figures are limited to inventories at manufacturing establishments. For some time, the sum of the inventories at the beginning of the month does not equal inventories at the end of the month. This is due to breakage and inventory adjustment.²Includes exports. Manufacturers' shipments designated as exports amounted to 168 in October 1986 and 47 in September 1986.³Includes some wide mouth categories to avoid disclosure of individual company data.⁴Refillable and nonrefillable beverage category are combined to avoid disclosure of individual company data.⁵Narrow neck and wide mouth for medicinal and health; chemical, household, and industrial; and toiletries and cosmetics are combined to avoid disclosure of individual company data.

Table 3. SHIPMENTS, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF GLASS CONTAINERS: 1986 AND 1985

(Quantity in thousand gross)

Month and year	Manufacturers' shipments ¹	Exports of domestic merchandise ^{2,3}	Percent exports to manufacturers' shipments	Imports for consumption ⁴	Apparent consumption ⁵	Percent imports to apparent consumption
1986						
October.....	25,458	81	(Z)	902	26,279	3
September.....	23,762	74	(Z)	2,000	25,688	8
August.....	24,637	109	(Z)	2,084	26,612	8
July.....	26,129	81	(Z)	3,357	29,105	11
June.....	25,939	60	(Z)	2,097	27,976	7
May.....	24,959	58	(Z)	1,838	26,739	7
April.....	25,787	82	(Z)	1,957	27,662	7
March.....	23,127	78	(Z)	1,053	24,102	4
February.....	21,312	52	(Z)	1,019	22,279	5
January.....	22,458	96	(Z)	2,315	24,677	9
1985						
December.....	19,122	44	(Z)	1,113	20,191	6
November.....	19,754	65	(Z)	1,034	20,723	5
October.....	23,949	69	(Z)	949	24,829	4
September.....	23,216	74	(Z)	1,691	21,451	8
August.....	25,611	83	(Z)	1,023	26,551	4
July.....	25,992	91	(Z)	1,420	27,321	5
June.....	24,777	132	(Z)	2,022	26,667	8
May.....	24,645	115	(Z)	1,372	25,902	5
April.....	24,228	150	(Z)	2,155	26,233	8
March.....	19,489	177	(Z)	1,439	20,751	7
February.....	19,421	92	(Z)	933	20,262	5
January.....	22,617	142	(Z)	880	23,355	4

See footnotes at end of table 4.

Table 4. SHIPMENTS, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF GLASS CONTAINERS

(Quantity in thousand gross)

Product code	Product description	Manufacturers' shipments	Exports of domestic merchandise ^{1 2 3}	Percent exports to manufacturers' shipments	Imports for consumption ⁴	Apparent consumption ⁵	Percent imports to apparent consumption
	OCTOBER 1986						
	Glass containers.....	25,458	81	(Z)	902	26,279	3
	Domestic shipments:						
32210 11	Food and dairy products.....	9,126	39	}	}	}	}
32210 31	Medicinal and health.....	999	25				
32210 37							
32210 13	Chemical, household, and industrial.....	161	}	(Z)	902	26,279	3
32210 32	Toiletries and cosmetics.....	574					
32210 15	Beverage, refillable ⁶	4,856					
32210 33	Beverage, nonrefillable ⁶						
32210 17	Beer, refillable.....		279				
32210 34	Beer, nonrefillable.....	7,055	}	(Z)	902	26,279	3
32210 19	Liquor.....	1,063					
32210 50	Wine.....	1,345					
32210 23							
32210 60							
32210 27							
32210 39							
	SEPTEMBER 1986						
	Glass containers.....	23,762	74	(Z)	2,000	25,688	8
	Domestic shipments:						
32210 11	Food and dairy products.....	8,399	17	}	}	}	}
32210 31	Medicinal and health.....	967	25				
32210 37							
32210 13	Chemical, household, and industrial.....	105	}	(Z)	2,000	25,688	8
32210 32	Toiletries and cosmetics.....	618					
32210 15	Beverage, refillable ⁶	4,687					
32210 33	Beverage, nonrefillable ⁶						
32210 17	Beer, refillable.....		370				
32210 34	Beer, nonrefillable.....	6,595	}	(Z)	2,000	25,688	8
32210 19	Liquor.....	944					
32210 50	Wine.....	1,077					
32210 23							
32210 60							
32210 27							
32210 39							

(Z) Represents less than one-half of 1 percent.

¹ For comparison of Standard Industrial Classification (SIC)-based product codes with Schedule B export numbers and TSUSA import numbers, see table 5 in the January 1986 report, M32G(86)-1, issued April 1986.² These export figures differ from those included in table 2. The figures in table 2 are limited to direct exports by glass containers producers; whereas, the figures in this table represent total exports.³ Source: Bureau of the Census report EM 546, U.S. Exports.⁴ Source: Bureau of the Census report IM 145-X, U.S. Imports for Consumption and General Imports.⁵ Apparent consumption is derived by subtracting exports from the manufacturers' shipments plus imports.⁶ Refillable and nonrefillable beverage category are combined to avoid disclosure of individual company data.

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M 32 G (86)-11

CURRENT INDUSTRIAL REPORTS

Glass Containers



U.S. Department of Commerce
BUREAU OF THE CENSUS

NOVEMBER 1986

M32G(86)-11
Issued February 1987

The statistics in this publication are based on a survey of manufacturers and represent total U.S. shipments of glass containers. Estimates are included for companies whose reports were not received in time for tabulation. A description of the

survey methodology and related information may be found in the January 1986 report for this series, M32G(86)-1, issued April 1986.

FEB 26 1987

Table 1. SUMMARY OF SHIPMENTS, PRODUCTION, AND STOCKS OF GLASS CONTAINERS: 1986 AND 1985
(Thousands of gross)

(Thousands of gross)								
Month and year	Shipments			Production			Stocks, end of month	
	Total	Domestic ¹		Total	Narrow neck containers	Wide mouth containers	Narrow neck containers	Wide mouth containers
		Narrow neck containers	Wide mouth containers					
1986								
November.....	21,471	16,243	5,228	22,451	16,771	5,680	30,582	11,040
October.....	25,458	18,449	7,009	25,598	19,134	6,464	30,382	10,555
September.....	23,762	17,941	5,821	23,556	18,164	5,392	29,381	11,158
August.....	24,637	19,019	5,618	25,171	19,596	5,575	29,313	11,767
July.....	26,129	20,898	5,231	25,409	20,084	5,325	28,767	11,982
June.....	25,939	20,834	5,105	25,919	20,916	5,723	30,248	11,954
May.....	24,959	20,250	4,709	25,926	20,619	5,307	30,876	11,520
April.....	25,787	20,466	5,321	25,291	19,437	5,854	30,097	11,151
March.....	23,127	18,096	5,031	25,353	19,742	5,611	30,884	11,268
February.....	21,312	15,990	5,322	23,649	18,157	5,492	29,897	10,587
January.....	22,458	16,813	5,645	22,887	17,422	5,465	28,167	10,401
1985								
Total.....	272,821	208,561	64,260	273,695	209,607	64,088	(X)	(X)
December.....	19,122	14,568	4,554	18,085	13,265	4,820	28,139	10,704
November.....	19,754	14,528	5,226	22,627	17,035	5,592	29,594	10,600
October.....	23,949	17,325	6,624	25,416	19,002	6,414	27,506	10,275
September.....	23,216	17,260	5,956	23,259	17,826	5,433	25,606	10,467
August.....	25,611	19,530	6,081	25,236	19,862	5,374	24,851	10,473
July.....	25,992	20,275	5,717	24,645	19,170	5,475	24,962	11,565
June.....	24,777	19,560	5,217	24,009	18,907	5,102	25,873	10,639
May.....	24,645	19,719	4,926	24,220	19,397	4,823	26,655	10,759
April.....	24,228	19,271	4,957	23,927	18,942	4,985	29,034	11,618
March.....	19,489	14,922	4,567	20,297	15,156	5,141	27,917	10,682
February.....	19,421	14,573	4,848	19,665	14,861	4,804	29,470	9,828
January.....	22,617	17,030	5,587	22,309	16,184	6,125	32,344	12,448

(X) Not applicable.

¹ Includes exports. Prior to January 1982 exports were included only in the total.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Pamela Glekas, (301) 763-2529.
For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

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Table 2. GLASS CONTAINERS: SHIPMENTS, PRODUCTION, AND STOCKS

(Net packed weight in thousands of pounds; quantity in thousand gross)

(Net packed weight in thousands of pounds; quantity in thousand gross)						
Product code	Product description	Number of companies	Net packed weight produced	Shipments	Production	Stocks, end of month ¹
NOVEMBER 1986						
	All types ²	(NA)	1,740,566	21,471	22,451	41,622
	Narrow neck containers ³	(NA)	1,273,768	16,243	16,771	30,582
	Wide mouth containers.....	(NA)	466,798	5,228	5,680	11,040
	By end use:					
	Food:					
32210 11	Narrow neck.....	12	138,808	1,644	1,582	4,153
32210 31, 37	Wide mouth (including dairy).....	12	466,798	5,228	5,680	11,040
	Beverages: ⁴					
32210 19	Refillable.....	4	304,285	4,361	4,720	9,114
32210 50	Nonrefillable.....	11				
	Beer:					
32210 23	Refillable.....	6	10,170	157	109	358
32210 60	Nonrefillable.....	10	451,864	6,506	6,698	8,625
32210 27	Liquor.....	11	119,391	846	887	2,837
32210 29	Wine.....	10	192,950	1,266	1,194	2,459
	Other (narrow neck and wide mouth):					
	Medicinal and health supplies: ⁵					
32210 13	Narrow neck.....	7	35,242	809	867	2,018
32210 32	Wide mouth.....	5				
	Chemical, household, and industrial:					
32210 15	Narrow neck ⁵	5	9,812	130	182	229
32210 33	Wide mouth.....	6				
	Toiletries and cosmetics: ⁵					
32210 17	Narrow neck.....	6	11,246	524	532	789
32210 34	Wide mouth.....	4				
OCTOBER 1986						
	All types ²	(NA)	1,990,005	25,458	25,598	40,937
	Narrow neck containers ³	(NA)	1,464,873	18,449	19,134	30,382
	Wide mouth containers.....	(NA)	525,132	7,009	6,464	10,555
	By end use:					
	Food:					
32210 11	Narrow neck.....	12	171,811	2,117	2,077	4,279
32210 31, 37	Wide mouth (including dairy).....	12	525,132	7,009	6,464	10,555
	Beverages: ⁴					
32210 19	Refillable.....	6	365,320	4,856	5,500	8,830
32210 50	Nonrefillable.....	11				
	Beer:					
32210 23	Refillable.....	6	17,532	279	202	389
32210 60	Nonrefillable.....	10	503,035	7,055	7,402	8,512
32210 27	Liquor.....	11	129,905	1,063	900	2,801
32210 29	Wine.....	10	221,175	1,345	1,359	2,686
	Other (narrow neck and wide mouth):					
	Medicinal and health supplies: ⁵					
32210 13	Narrow neck.....	7	38,377	999	971	1,927
32210 32	Wide mouth.....	4				
	Chemical, household, and industrial:					
32210 15	Narrow neck ⁵	6	7,157	161	111	176
32210 33	Wide mouth.....	5				
	Toiletries and cosmetics: ⁵					
32210 17	Narrow neck.....	7	10,561	574	612	782
32210 34	Wide mouth.....	4				

(NA) Not available. [†]Revised by 5 percent or more from previously published figures.¹Figures are limited to inventories at manufacturing establishments. For some time, the sum of the inventories at the beginning of the month does not equal inventories at the end of the month. This is due to breakage and inventory adjustment.²Includes exports. Manufacturers' shipments designated as exports amounted to 168 in October 1986 and 196 in November 1986.³Includes some wide mouth categories to avoid disclosure of individual company data.⁴Refillable and nonrefillable beverage category are combined to avoid disclosure of individual company data.⁵Narrow neck and wide mouth for medicinal and health; chemical, household, and industrial; and toiletries and cosmetics are combined to avoid disclosure of individual company data.

Table 3. SHIPMENTS, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF GLASS CONTAINERS: 1986 AND 1985

(Quantity in thousand gross)						
Month and year	Manufacturers' shipments	Exports of domestic merchandise ¹ 2 3	Percent exports to manufacturers' shipments	Imports for consumption ⁴	Apparent consumption ⁵	Percent imports to apparent consumption
1986						
November.....	21,471	78	(Z)	894	22,287	4
October.....	25,458	81	(Z)	902	26,279	3
September.....	23,762	74	(Z)	2,000	25,688	8
August.....	24,637	109	(Z)	2,084	26,612	8
July.....	26,129	81	(Z)	3,357	29,405	11
June.....	25,939	60	(Z)	2,097	27,976	7
May.....	24,959	58	(Z)	1,838	26,739	7
April.....	25,787	82	(Z)	1,957	27,662	7
March.....	23,127	78	(Z)	1,053	24,102	4
February.....	21,312	52	(Z)	1,019	22,279	5
January.....	22,458	96	(Z)	2,315	24,677	9
1985						
December.....	19,122	44	(Z)	1,113	20,191	6
November.....	19,754	65	(Z)	1,034	20,723	5
October.....	23,949	69	(Z)	949	24,829	4
September.....	23,216	74	(Z)	1,691	21,451	8
August.....	25,611	83	(Z)	1,023	26,351	4
July.....	25,992	91	(Z)	1,420	27,321	5
June.....	24,777	132	(Z)	2,022	26,667	8
May.....	24,645	115	(Z)	1,372	25,902	5
April.....	24,228	150	(Z)	2,155	26,233	8
March.....	19,489	177	(Z)	1,439	20,751	7
February.....	19,421	92	(Z)	933	20,262	5
January.....	22,617	142	(Z)	880	23,355	4

See footnotes at end of table 4.

Table 4. SHIPMENTS, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF GLASS CONTAINERS

(Quantity in thousand gross)							
Product code	Product description	Manufacturers' shipments	Exports of domestic merchandise ^{1 2 3}	Percent exports to manufacturers' shipments	Imports for consumption ⁴	Apparent consumption ⁵	Percent imports to apparent consumption
NOVEMBER 1986							
	Glass containers.....	21,471	78	(2)	894	22,287	4
	Domestic shipments:						
32210 11	Food and dairy products.....	6,872	13	}			
32210 31							
32210 37	Medicinal and health.....	809		}			
32210 13							
32210 32	Chemical, household, and industrial.....	130	47	}			
32210 15							
32210 33	Toiletries and cosmetics.....	524		}	(2)	894	22,287
32210 17							
32210 34	Beverage, refillable ⁶	4,361		}			
32210 19							
32210 50	Beverage, nonrefillable ⁶	157	18	}			
32210 23							
32210 60	Beer, nonrefillable.....	6,506		}			
32210 27							
32210 39	Liquor.....	846					
	Wine.....	1,266					
OCTOBER 1986							
	Glass containers.....	25,458	81	(2)	902	26,279	3
	Domestic shipments:						
32210 11	Food and dairy products.....	9,126	39	}			
32210 31							
32210 37	Medicinal and health.....	999		}			
32210 13							
32210 32	Chemical, household, and industrial.....	161	25	}			
32210 15							
32210 33	Toiletries and cosmetics.....	574		}	(2)	902	26,279
32210 17							
32210 34	Beverage, refillable ⁶	4,856		}			
32210 19							
32210 50	Beverage, nonrefillable ⁶	279	17	}			
32210 23							
32210 60	Beer, nonrefillable.....	7,055		}			
32210 27							
32210 39	Liquor.....	1,063					
	Wine.....	1,345					

(Z) Represents less than one-half of 1 percent.

¹ For comparison of Standard Industrial Classification (SIC)-based product codes with Schedule B export numbers and TSUSA import numbers, see table 5 in the January 1986 report, M32G(86)-1, issued April 1986.

² These export figures differ from those included in table 2. The figures in table 2 are limited to direct exports by glass containers producers; whereas, the figures in this table represent total exports.

³ Source: Bureau of the Census report EM 546, U.S. Exports.

⁴ Source: Bureau of the Census report IM 145-X, U.S. Imports for Consumption and General Imports.

⁵ Apparent consumption is derived by subtracting exports from the manufacturers' shipments plus imports.

⁶ Refillable and nonrefillable beverage category are combined to avoid disclosure of individual company data.

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Glass Containers



U.S. Department of Commerce
BUREAU OF THE CENSUS

DECEMBER 1986

M32G(86)-12
Issued February 1987

The statistics in this publication are based on a survey of manufacturers and represent total U.S. shipments of glass containers. Estimates are included for companies whose reports were not received in time for tabulation. A description of the

survey methodology and related information may be found in the January 1986 report for this series, M32G(86)-1, issued April 1986.

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Table 1. SUMMARY OF SHIPMENTS, PRODUCTION, AND STOCKS OF GLASS CONTAINERS: 1986 AND 1985

(Thousands of gross)

Month and year	Shipments			Production			Stocks, end of month	
	Total	Domestic ¹		Total	Narrow neck containers	Wide mouth containers	Narrow neck containers	Wide mouth containers
		Narrow neck containers	Wide mouth containers					
1986								
Total.....	286,242	221,368	64,874	289,919	224,065	65,854	(X)	(X)
December.....	21,203	16,369	4,834	18,709	14,743	3,966	28,450	10,172
November.....	21,471	16,243	5,228	22,451	16,771	5,680	30,582	11,040
October.....	25,458	18,449	7,009	25,598	19,134	6,464	30,382	10,555
September.....	23,762	17,941	5,821	23,556	18,164	5,392	29,381	11,158
August.....	24,637	19,019	5,618	25,171	19,596	5,575	29,313	11,767
July.....	26,129	20,898	5,231	25,409	20,084	5,325	28,767	11,982
June.....	25,939	20,834	5,105	25,919	20,196	5,723	30,248	11,954
May.....	24,959	20,250	4,709	25,926	20,619	5,307	30,876	11,520
April.....	25,787	20,466	5,321	25,291	19,437	5,854	30,097	11,151
March.....	23,127	18,096	5,031	25,353	19,742	5,611	30,884	11,268
February.....	21,312	15,990	5,322	23,649	18,157	5,492	29,897	10,587
January.....	22,458	16,813	5,645	22,887	17,422	5,465	28,167	10,401
1985								
Total.....	272,821	208,561	64,260	273,695	209,607	64,088	(X)	(X)
December.....	19,122	14,568	4,554	18,085	13,265	4,820	28,139	10,704
November.....	19,754	14,528	5,226	22,627	17,035	5,592	29,594	10,600
October.....	23,949	17,325	6,624	25,416	19,002	6,414	27,506	10,275
September.....	23,216	17,260	5,956	23,259	17,826	5,433	25,606	10,467
August.....	25,611	19,530	6,081	25,236	19,862	5,374	24,851	10,473
July.....	25,992	20,275	5,717	24,645	19,170	5,475	24,962	11,565
June.....	24,777	19,560	5,217	24,009	18,907	5,102	25,873	10,639
May.....	24,645	19,719	4,926	24,220	19,397	4,823	26,655	10,759
April.....	24,228	19,271	4,957	23,927	18,942	4,985	29,034	11,618
March.....	19,489	14,922	4,567	20,297	15,156	5,141	27,917	10,682
February.....	19,421	14,573	4,848	19,665	14,861	4,804	29,470	9,828
January.....	22,617	17,030	5,587	22,309	16,184	6,125	32,344	12,444

(X) Not applicable.

¹Includes exports. Prior to January 1982 exports were included only in the total.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call James Oliver, (301) 783-5573.

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Table 2. GLASS CONTAINERS: SHIPMENTS, PRODUCTION, AND STOCKS

(Net packed weight in thousands of pounds; quantity in thousand gross)

(Net packed weight in thousands of pounds; quantity in thousand gross)						
Product code	Product description	Number of companies	Net packed weight produced	Shipments	Production	Stocks, end of month ¹
	DECEMBER 1986					
	All types ²	(NA)	1,406,153	21,203	18,709	38,622
	Narrow neck containers ³	(NA)	1,095,142	16,369	14,743	28,450
	Wide mouth containers.....	(NA)	311,011	4,834	3,966	10,172
	By end use:					
	Food:					
32210 11	Narrow neck.....	11	119,555	1,679	1,534	3,986
32210 31, 37	Wide mouth (including dairy).....	11	311,011	4,834	3,966	10,172
	Beverages: ⁴					
32210 19	Refillable.....	2	244,673	4,267	3,500	8,306
32210 50	Nonrefillable.....	10				
	Beer:					
32210 23	Refillable.....	4	7,349	82	85	361
32210 60	Nonrefillable.....	10	445,256	6,918	6,903	8,167
32210 27	Liquor.....	11	103,519	922	687	2,593
32210 29	Wine.....	8	142,029	1,203	937	2,192
	Other (narrow neck and wide mouth):					
	Medicinal and health supplies: ⁵					
32210 13	Narrow neck.....	6	19,585	746	533	1,802
32210 32	Wide mouth.....	4				
	Chemical, household, and industrial:					
32210 15	Narrow neck ³	4	3,094	104	92	216
32210 33	Wide mouth.....	5				
	Toiletries and cosmetics: ⁵					
32210 17	Narrow neck.....	7	10,082	448	472	827
32210 34	Wide mouth.....	5				
	NOVEMBER 1986					
	All types ²	(NA)	1,740,566	21,471	22,451	41,622
	Narrow neck containers ³	(NA)	1,273,768	16,243	16,771	30,582
	Wide mouth containers.....	(NA)	466,798	5,228	5,680	11,040
	By end use:					
	Food:					
32210 11	Narrow neck.....	12	138,808	1,644	1,582	4,153
32210 31, 37	Wide mouth (including dairy).....	12	466,798	5,228	5,680	11,040
	Beverages: ⁴					
32210 19	Refillable.....	4	304,285	4,361	4,720	9,114
32210 50	Nonrefillable.....	11				
	Beer:					
32210 23	Refillable.....	6	10,170	157	109	358
32210 60	Nonrefillable.....	10	451,864	6,506	6,698	8,625
32210 27	Liquor.....	11	119,391	846	887	2,837
32210 29	Wine.....	10	192,950	1,266	1,194	2,459
	Other (narrow neck and wide mouth):					
	Medicinal and health supplies: ⁵					
32210 13	Narrow neck.....	7	35,242	809	867	2,018
32210 32	Wide mouth.....	5				
	Chemical, household, and industrial:					
32210 15	Narrow neck ³	5	9,812	130	182	229
32210 33	Wide mouth.....	6				
	Toiletries and cosmetics: ⁵					
32210 17	Narrow neck.....	6	11,246	524	532	789
32210 34	Wide mouth.....	4				

(NA) Not available.

¹Figures are limited to inventories at manufacturing establishments. For some time, the sum of the inventories at the beginning of the month does not equal inventories at the end of the month. This is due to breakage and inventory adjustment.²Includes exports. Manufacturers' shipments designated as exports amounted to 196 in November 1986 and 296 in December 1986.³Includes some wide mouth categories to avoid disclosure of individual company data.⁴Refillable and nonrefillable beverage category are combined to avoid disclosure of individual company data.⁵Narrow neck and wide mouth for medicinal and health; chemical, household, and industrial; and toiletries and cosmetics are combined to avoid disclosure of individual company data.

Table 3. SHIPMENTS, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF GLASS CONTAINERS: 1986 AND 1985

(Quantity in thousand gross)						
Month and year	Manufac- turers' shipments	Exports of domestic merchandise ^{1 2 3}	Percent exports to manufac- turers' shipments	Imports for consumption ⁴	Apparent consumption ⁵	Percent imports to apparent consumption
1986						
December.....	21,203	108	0.5	945	22,040	4
November.....	21,471	78	(Z)	894	22,287	4
October.....	25,458	81	(Z)	902	26,279	3
September.....	23,762	74	(Z)	2,000	25,888	8
August.....	24,637	109	(Z)	2,084	26,812	8
July.....	26,129	81	(Z)	3,357	29,405	11
June.....	25,939	60	(Z)	2,097	27,976	7
May.....	24,959	58	(Z)	1,838	26,739	7
April.....	25,787	82	(Z)	1,957	27,662	7
March.....	23,127	78	(Z)	1,053	24,102	4
February.....	21,312	52	(Z)	1,019	22,279	5
January.....	22,458	96	(Z)	2,315	24,677	9
1985						
December.....	19,122	44	(Z)	1,113	20,191	6
November.....	19,754	65	(Z)	1,034	20,723	5
October.....	23,949	69	(Z)	949	24,829	4
September.....	23,216	74	(Z)	1,691	21,451	8
August.....	25,611	83	(Z)	1,023	26,551	4
July.....	25,992	91	(Z)	1,420	27,321	5
June.....	24,777	132	(Z)	2,022	26,667	8
May.....	24,645	115	(Z)	1,372	25,902	5
April.....	24,228	150	(Z)	2,155	26,233	8
March.....	19,489	177	(Z)	1,439	20,751	7
February.....	19,421	92	(Z)	933	20,262	5
January.....	22,617	142	(Z)	880	23,355	4

See footnotes at end of table 4.

Table 4. SHIPMENTS, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF GLASS CONTAINERS

(Quantity in thousand gross)							
Product code	Product description	Manufac- turers' shipments	Exports of domestic merchandise ^{1 2 3}	Percent exports to manufac- turers' shipments	Imports for consumption ⁴	Apparent consumption ⁵	Percent imports to apparent consumption
DECEMBER 1986							
	Glass containers.....	21,203	108	0.5	945	22,040	4
	Domestic shipments:						
32210 11	Food and dairy products.....	6,513	13	}	0.5	945	4
32210 31							
32210 37	Medicinal and health.....	746	30				
32210 13							
32210 32	Chemical, household, and industrial.....	104	65				
32210 15							
32210 33	Toiletries and cosmetics.....	448	}				
32210 17							
32210 34	Beverage, refillable ⁶	4,267	}				
32210 19							
32210 50	Beverage, nonrefillable ⁶	82	}				
32210 23							
32210 60	Beer, nonrefillable.....	6,918	}				
32210 27							
32210 39	Liquor.....	922					
	Wine.....	1,203					
NOVEMBER 1986							
	Glass containers.....	21,471	78	(Z)	894	22,287	4
	Domestic shipments:						
32210 11	Food and dairy products.....	6,872	13	}	(Z)	894	4
32210 31							
32210 37	Medicinal and health.....	809	47				
32210 13							
32210 32	Chemical, household, and industrial.....	130	18				
32210 15							
32210 33	Toiletries and cosmetics.....	524	}				
32210 17							
32210 34	Beverage, refillable ⁶	4,361	}				
32210 19							
32210 50	Beverage, nonrefillable ⁶	157	}				
32210 23							
32210 60	Beer, nonrefillable.....	6,506	}				
32210 27							
32210 39	Liquor.....	846					
	Wine.....	1,266					

(Z) Represents less than one-half of 1 percent.

¹ For comparison of Standard Industrial Classification (SIC)-based product codes with Schedule B export numbers and TS/ISA import numbers, see table 5 in the January 1986 report, M32G(R6)-1, issued April 1986.² These export figures differ from those included in table 2. The figures in table 2 are limited to direct exports by glass containers producers; whereas, the figures in this table represent total exports.³ Source: Bureau of the Census report EM 546, U.S. Exports.⁴ Source: Bureau of the Census report IM 145-X, U.S. Imports for Consumption and General Imports.⁵ Apparent consumption is derived by subtracting exports from the manufacturers' shipments plus imports.⁶ Refillable and nonrefillable beverage category are combined to avoid disclosure of individual company data.

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Glass Containers

U.S. Department of Commerce
BUREAU OF THE CENSUSU. S. GOVT. PUBS.
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SUMMARY FOR 1986

M32G(86)-13
Issued May 1987

SUMMARY OF FINDINGS

In 1986, production of glass containers amounted to 289.3 million gross, while shipments were 283.1 million gross, with a value of \$4,889.7 million. This breaks a downward trend that has continued since 1980 in this industry. Shipments of narrow neck containers amounted to 220.3 million gross, with a value of \$3,775.2 million. Shipments of wide mouth containers were 62.8 million gross, with a value of \$1,114.4 million. Export

shipments in 1986 were 815 thousand gross, with a value of \$18.0 million. Stocks on hand at the end of 1986 totaled 39.9 million gross.

The statistics in this report are based on a survey of manufacturers and represent total U.S. shipments of glass containers. Estimates are included for companies whose reports were not received in time for tabulation. A description of the survey methodology and related information appears on page 10.

Table 1. SUMMARY OF SHIPMENTS, PRODUCTION, AND STOCKS OF GLASS CONTAINERS: 1986 AND 1985

Month and year	Shipments			Production			Stocks, end of month		
	Total	Narrow neck	Wide mouth	Total	Narrow neck	Wide mouth	Total	Narrow neck	Wide mouth
	(Thousands of gross)								
1986									
Total ¹	283,057	220,262	62,795	289,253	224,047	65,206	(1)	(1)	(1)
December.....	20,137	15,327	4,810	17,697	13,430	4,267	39,912	29,023	10,889
November.....	20,618	15,447	5,171	22,309	16,483	5,826	42,485	31,114	11,371
October.....	24,108	18,031	6,077	25,442	19,116	6,326	41,920	30,668	11,252
September.....	23,459	17,733	5,726	23,453	18,151	5,302	40,601	29,508	11,093
August.....	24,899	19,231	5,668	23,780	20,170	3,610	41,476	29,623	11,853
July.....	26,210	20,989	5,221	25,498	20,169	5,329	40,661	28,965	11,716
June.....	26,110	20,866	5,244	26,118	20,226	5,892	42,123	30,248	11,875
May.....	24,864	20,291	4,573	25,825	20,640	5,185	42,318	31,047	11,271
April.....	25,698	20,699	4,999	25,195	19,662	5,533	41,169	30,476	10,693
March.....	23,083	18,305	4,778	25,304	19,899	5,405	42,159	31,352	10,807
February.....	21,312	16,269	5,043	23,649	18,425	5,224	40,415	30,314	10,101
January.....	22,559	17,074	5,485	22,983	17,676	5,307	38,499	28,582	9,917
1985									
Total ¹	272,821	208,561	64,260	273,695	209,607	64,088	(1)	(1)	(1)
December.....	19,122	14,568	4,554	18,085	13,265	4,820	38,843	28,139	10,704
November.....	19,754	14,528	5,226	22,627	17,035	5,592	40,194	29,594	10,600
October.....	23,949	17,325	6,624	23,416	19,002	4,414	37,781	27,506	10,275
September.....	23,216	17,260	5,956	23,259	17,826	5,433	36,073	25,606	10,467
August.....	25,611	19,530	6,081	25,236	19,862	5,374	35,324	24,851	10,473
July.....	25,992	20,275	5,717	24,645	19,170	5,475	36,527	24,962	11,565
June.....	24,777	19,560	5,217	24,009	18,907	5,102	36,512	25,873	10,639
May.....	24,645	19,719	4,926	24,220	19,397	4,823	37,414	26,655	10,759
April.....	24,228	19,271	4,957	23,927	18,942	4,985	40,652	29,034	11,618
March.....	19,489	14,922	4,567	20,297	15,156	5,141	38,599	27,917	10,682
February.....	19,421	14,573	4,848	19,665	14,861	4,804	39,298	29,470	9,828
January.....	22,617	17,030	5,587	22,309	16,184	6,125	44,792	32,344	12,448

¹Total inventories are those shown of December 31.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call James Oliver, (301) 763-5573.
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Table 2. SHIPMENTS, PRODUCTION, AND STOCKS OF GLASS CONTAINERS: 1984 TO 1986

(Quantity, shipments, production, and stocks in thousands of gross value in thousands of dollars)

Product code	Product description	1984				1985				1986			
		Shipments		Production	Stocks as of Dec. 31	Shipments		Production	Stocks as of Dec. 31	Shipments		Production	Stocks as of Dec. 31
		Quantity	Value			Quantity	Value			Quantity	Value		
32210 02	All types.....	283,057	4,889,677	289,253	39,912	272,821	4,580,368	273,695	38,843	289,950	4,687,795	291,682	42,918
32210 01	Direct exports.....	815	17,969		39,912	1941	25,545		38,843	11,678	30,948		42,918
	Domestic.....	282,242	4,871,708	289,253		271,880	4,554,823	273,695		288,272	4,656,847	291,682	
BY TYPE													
	Narrow neck containers.....	230,262	3,775,249	234,047	29,023	208,561	3,476,548	209,607	28,139	221,055	3,619,179	222,173	31,425
32210 11	Food.....	25,206	463,586	27,949	4,145	23,770	435,325	24,372	3,685	26,170	430,994	26,147	4,051
32210 13	Medicinal and health.....	12,027	209,283	11,028	1,456	8,710	165,207	8,370	2,225	10,140	188,611	9,861	1,847
32210 15	Chemical, household, and industrial.....	11,490	249,493	11,284	2,115	962	30,540	972	146	1,379	31,005	1,233	184
32210 17	Toiletries and cosmetics.....	20,816	285,529	20,092	2,814	5,302	74,213	5,084	589	6,564	79,987	6,787	801
32210 19	Beverage, refillable.....	59,885	853,319	60,383	8,451	1,553	69,381	1,540	360	2,100	57,135	2,484	868
32210 20	Beverage, nonrefillable.....	2,902	39,943	2,805	382	1,870	31,069	1,990	333	3,473	39,703	3,643	379
32210 23	Beer, refillable.....	96,008	1,081,445	95,453	8,565	81,987	1,029,047	83,413	7,449	87,325	991,396	87,473	9,231
32210 27	Liquor.....	10,945	486,612	10,801	2,549	11,939	617,809	12,123	2,934	10,015	605,427	14,158	2,796
32210 29	Wine.....	16,991	506,219	16,974	2,426	14,036	428,900	14,169	2,351	10,414	403,112	11,183	2,030
	Wide mouth containers.....	62,795	1,114,638	65,206	10,889	64,260	1,078,275	64,080	10,704	68,895	1,037,651	68,509	11,493
32210 31	Food, including dairy products.....	62,795	1,114,638	65,206	10,889	59,935	1,017,091	59,971	10,077	64,302	984,767	65,114	10,734
32210 32	Medicinal and health.....	(2)	(2)	(2)	(2)	2,715	34,789	2,827	397	3,150	28,740	2,866	528
32210 33	Chemical, household, and industrial.....	(2)	(2)	(2)	(2)	1,015	19,884	908	185	668	19,635	630	190
32210 34	Toiletries and cosmetics.....	(2)	(2)	(2)	(2)	393	8,311	582	43	455	4,400	390	39

¹Direct exports for glass containers beginning in 1982 are included with the domestic shipment detail and are also listed separately. Data for direct exports was not included in the detail of domestic shipments in previous years.

²For 1986, the data for wide mouth containers are included with narrow neck.

Table 3. SHIPMENTS AND PRODUCTION OF GLASS CONTAINERS, BY TYPE OF CONTAINERS: 1981 TO 1986

(Thousands of gross)

Product code	Product description	1986	1985	1984	1983	1982	1981
SHIPMENTS							
3221- --	All types.....	283,037	272,821	289,950	293,103	308,844	322,845
32210 62	Direct exports.....	1815	1941	1,678	1,418	1,333	2,165
32210 01	Domestic.....	282,242	271,880	288,272	291,687	307,513	320,680
DOMESTIC, BY TYPE OF CONTAINER							
Narrow neck							
32210 11	Food.....	220,262	208,581	221,055	228,762	240,559	253,060
32210 13	Medicinal and health supplies.....	25,246	23,770	28,170	28,270	27,658	28,728
32210 15	Chemical, household, and industrial.....	12,027	8,710	10,140	9,665	12,393	12,536
32210 17	Toiletries and cosmetics.....	21,490	942	1,379	974	1,456	1,718
32210 19	Beverage refillable.....	26,816	5,302	6,566	6,506	8,006	8,489
32210 19	Beverage, nonrefillable.....	841	1,553	2,100	3,383	3,729	4,138
32210 23	Beer, refillable.....	59,044	58,532	59,475	59,234	57,291	56,110
32210 23	Beer, nonrefillable.....	2,902	1,870	3,473	2,475	1,899	1,570
32210 40	Beer, nonrefillable.....	84,020	81,907	87,323	96,625	105,962	115,768
32210 27	Liquor.....	10,965	11,939	14,015	14,712	13,757	15,365
32210 29	Wine.....	16,891	14,036	10,414	8,916	8,408	8,638
Wide mouth containers							
32210 31	Food, including fruit jars, jelly glasses, and packers' tumblers.....	62,795	64,240	68,895	64,341	68,287	67,620
32210 32	Medicinal and health.....	362,795	339,935	364,302	360,108	363,372	362,404
32210 33	Chemical, household, and industrial.....	(2)	2,715	3,150	2,995	3,097	3,274
32210 34	Toiletries and cosmetics.....	(2)	1,015	988	812	1,159	1,122
32210 37	Dairy products.....	(2)	395	455	426	639	820
32210 37	Dairy products.....	(3)	(3)	(3)	(3)	(3)	(3)
PRODUCTION⁴							
All types							
	All types.....	289,233	275,695	291,682	294,090	311,104	325,541
Narrow neck							
32210 11	Food.....	224,047	209,607	222,173	230,338	243,003	256,411
32210 13	Medicinal and health supplies.....	27,949	24,372	28,147	28,319	27,958	27,910
32210 15	Chemical, household, and industrial.....	11,628	8,570	9,861	9,859	12,045	12,621
32210 17	Toiletries and cosmetics.....	21,264	972	1,233	1,110	1,347	1,747
32210 19	Beverage refillable.....	26,892	5,088	6,787	6,436	7,704	9,011
32210 19	Beverage, nonrefillable.....	865	1,540	2,484	3,179	3,842	4,213
32210 23	Beer, refillable.....	59,418	57,410	59,204	60,231	59,498	58,476
32210 23	Beer, nonrefillable.....	2,805	1,950	3,643	2,571	1,798	1,646
32210 40	Beer, nonrefillable.....	85,453	83,413	87,473	94,818	105,999	116,018
32210 27	Liquor.....	10,801	12,123	14,158	14,563	14,081	15,818
32210 29	Wine.....	16,974	14,169	11,183	9,292	8,731	8,951
Wide mouth containers							
32210 31	Food, including fruit jars, jelly glasses, and packers' tumblers.....	65,206	64,088	69,509	63,752	68,101	69,130
32210 32	Medicinal and health.....	365,206	339,973	365,314	339,655	63,330	64,106
32210 33	Chemical, household, and industrial.....	(2)	2,627	2,866	2,844	3,028	3,015
32210 34	Toiletries and cosmetics.....	(2)	906	930	893	1,045	1,173
32210 37	Dairy products.....	(2)	382	399	360	698	836
32210 37	Dairy products.....	(3)	(3)	(3)	(3)		

¹ Direct exports for glass containers beginning 1982 are included with the domestic shipment detail and are also listed separately. Data for direct exports was not included in the detail of domestic shipments in previous years.

² For 1986, the data for wide mouth containers are included with narrow neck.

³ Data for dairy products (product code 32210 37) are combined with food, including fruit jars, jelly glasses, and packers' tumblers (product code 32210 31).

⁴ Includes production data for domestic use and for export.

Table 4. SHIPMENTS, PRODUCTION, AND STOCKS OF GLASS CONTAINERS: 1986

Product code	Product description	Total	January	February	March	April	May	June	July	August	September	October	November	December
	NET PACKED WEIGHT (Thousands of pounds)													
	All types.....	21,996,333	1,802,624	1,781,811	1,903,418	1,887,845	1,942,402	1,967,166	1,926,750	1,931,092	1,794,348	1,980,941	1,728,020	1,749,714
	Narrow neck containers.....	16,860,951	1,381,176	1,389,638	1,489,682	1,453,792	1,540,149	1,510,788	1,496,789	1,479,631	1,370,102	1,466,250	1,264,664	1,018,000
	Wide mouth containers.....	5,135,382	421,448	392,173	413,736	434,053	402,453	456,378	429,961	451,261	424,246	514,691	463,356	331,626
	Food:													
32210 11	Narrow neck.....	2,328,401	180,724	196,491	213,859	164,574	227,579	214,027	237,413	247,554	212,931	170,258	137,417	125,574
32210 31	Wide mouth.....	5,135,382	421,448	392,173	413,736	434,053	402,453	456,378	429,961	451,261	424,246	514,691	463,356	331,626
	Beverage:													
32210 19	Refillable.....	127,869	12,088	19,925	17,104	35,734	12,584	10,739	6,207	2,227	4,317	3,591	1,317	2,036
32210 50	Nonrefillable.....	3,897,340	277,851	299,160	346,311	335,061	351,187	365,192	363,360	342,191	354,205	361,789	291,446	209,587
	Beer:													
32210 28	Refillable.....	253,079	27,540	25,073	20,581	17,300	18,919	26,396	26,978	26,107	23,099	17,532	11,314	12,240
32210 60	Nonrefillable.....	5,817,570	512,606	479,124	533,933	506,659	511,104	479,516	500,453	507,270	429,808	503,035	455,623	399,437
	Liquor.....	1,485,535	149,301	133,992	127,814	124,002	112,128	118,240	109,400	121,935	135,557	129,405	119,031	104,270
32210 27	Wine.....	2,315,953	169,634	181,721	174,628	207,065	238,901	233,693	194,490	191,677	166,406	221,175	196,548	137,815
	Other:													
32210 13	Medicinal and health supplies:													
32210 13	Narrow neck.....	409,717	29,624	32,503	32,478	42,674	49,657	42,505	38,762	26,202	30,510	38,384	31,886	14,532
32210 32	Wide mouth.....													
	Chemical household and industrial:													
32210 15	Narrow neck.....	87,104	11,182	9,031	10,168	9,347	7,219	7,108	6,086	3,828	3,060	7,216	9,382	3,477
32210 33	Wide mouth.....													
	Toiletries and cosmetics:													
32210 17	Narrow neck.....	138,383	10,626	12,618	12,804	11,376	10,871	13,372	13,640	10,640	8,209	13,365	10,700	10,162
32210 34	Wide mouth.....													
	SHIPMENTS (Thousands of gross)													
	All types.....	283,057	22,559	21,312	23,083	25,698	24,864	26,110	26,210	24,899	23,459	24,108	20,418	20,137
	Narrow neck containers.....	220,262	17,074	16,269	18,305	20,699	20,291	20,866	20,989	19,231	17,733	18,031	15,447	15,327
	Wide mouth containers.....	62,795	5,485	5,043	4,778	4,999	4,573	5,244	5,221	5,668	5,726	6,077	5,171	4,810
	Food:													
32210 11	Narrow neck.....	25,266	1,872	1,911	2,396	2,212	2,294	2,193	2,188	2,592	2,332	1,898	1,750	1,428
32210 31	Wide mouth.....	62,795	5,485	5,043	4,778	4,999	4,573	5,244	5,221	5,668	5,726	6,077	5,171	4,810
	Beverage:													
32210 19	Refillable.....	841	73	60	100	119	124	105	58	43	33	35	45	46
32210 50	Nonrefillable.....	59,044	4,230	4,005	4,761	6,054	5,760	5,751	5,841	5,250	4,854	4,761	3,843	4,034
	Beer:													
32210 28	Refillable.....	2,902	192	258	287	307	214	238	207	285	370	259	169	116
32210 60	Nonrefillable.....	84,020	7,017	6,284	6,935	7,571	7,528	7,862	8,126	6,950	6,595	6,910	6,038	6,224
	Liquor.....	10,965	973	838	931	904	889	965	905	839	944	1,007	857	913
32210 27	Wine.....	16,891	875	1,045	1,345	1,681	1,693	1,930	1,965	1,739	1,072	1,244	1,176	1,126
	Other:													
32210 13	Medicinal and health supplies:													
32210 13	Narrow neck.....	12,027	1,012	1,140	841	1,021	1,042	1,067	1,002	978	1,135	1,237	845	707
32210 32	Wide mouth.....													
	Chemical household and industrial:													
32210 15	Narrow neck.....	1,490	177	161	149	157	104	102	113	79	105	117	126	100
32210 33	Wide mouth.....													
	Toiletries and cosmetics:													
32210 17	Narrow neck.....	6,816	653	567	560	673	643	673	584	476	493	563	498	433
32210 34	Wide mouth.....													

See footnotes at end of table.

Table 4. SHIPMENTS, PRODUCTION, AND STOCKS OF GLASS CONTAINERS: 1986--Continued

Product code	Product description	Total	January	February	March	April	May	June	July	August	September	October	November	December
PRODUCTION (Thousands of gross)														
	All types.....	289,253	22,983	23,649	25,304	25,195	25,825	26,118	25,498	25,780	23,453	25,442	22,309	17,687
	Narrow neck containers.....	224,047	17,676	18,225	19,899	19,662	20,640	20,226	20,189	20,170	18,151	19,116	16,483	13,430
	Wide mouth containers.....	65,206	5,307	5,224	5,405	5,533	5,185	5,892	5,329	5,610	5,302	6,326	5,826	4,267
	Food:													
32210 11	Narrow neck.....	27,949	2,103	2,233	2,496	2,172	2,778	2,539	2,943	2,949	2,410	2,059	1,630	1,637
32210 31	Wide mouth.....	65,206	5,307	5,224	5,405	5,533	5,185	5,892	5,329	5,610	5,302	6,326	5,826	4,267
	Beverage:													
32210 19	Refillable.....	865	82	151	121	234	70	68	43	7	25	34	15	15
32210 50	Nonrefillable.....	59,418	4,277	4,531	5,278	5,042	5,376	5,565	5,590	5,111	5,546	5,466	4,533	3,103
	Beer:													
32210 28	Refillable.....	2,805	309	269	235	190	187	293	302	265	281	202	122	140
32210 60	Nonrefillable.....	85,453	7,111	7,181	7,826	7,400	7,410	7,019	7,265	7,913	6,337	7,402	6,687	5,912
	Chemical household and industrial:													
32210 15	Narrow neck.....	1,264	126	129	129	106	94	83	104	60	61	111	175	86
32210 33	Wide mouth.....													
	Toiletries and cosmetics:													
32210 17	Narrow neck.....	6,892	557	707	645	650	535	581	593	545	496	612	527	444
32210 34	Wide mouth.....													
STOCKS, END OF MONTH (Thousands of gross)														
	All types.....	(2)	38,499	40,415	42,159	41,169	42,318	42,123	40,661	41,476	40,601	41,920	42,485	39,912
	Narrow neck containers.....	(2)	28,582	30,314	31,352	30,476	31,047	30,248	28,945	29,623	29,508	30,668	31,116	29,023
	Wide mouth containers.....	(2)	9,917	10,101	10,807	10,693	11,271	11,875	11,716	11,853	11,093	11,252	11,371	10,889
	Food:													
32210 11	Narrow neck.....	(2)	3,809	3,970	4,224	4,049	4,057	4,093	4,515	4,523	4,296	4,279	4,207	4,145
32210 31	Wide mouth.....	(2)	9,917	10,101	10,807	10,693	11,271	11,875	11,716	11,853	11,093	11,252	11,371	10,889
	Beverage:													
32210 19	Refillable.....	(2)	371	454	455	565	515	478	464	422	414	414	383	351
32210 50	Nonrefillable.....	(2)	7,797	8,242	8,729	7,664	7,497	7,425	7,173	7,019	7,790	8,476	9,046	8,100
	Beer:													
32210 28	Refillable.....	(2)	470	482	439	402	394	451	606	554	466	409	363	382
32210 60	Nonrefillable.....	(2)	8,017	8,893	9,621	9,437	9,251	8,326	7,415	8,414	8,095	8,656	9,002	8,565
	Chemical household and industrial:													
32210 15	Narrow neck.....	(2)	2,981	3,068	3,195	3,112	3,066	3,053	2,934	2,971	2,983	2,857	2,800	2,569
32210 33	Wide mouth.....	(2)	2,480	2,624	2,666	2,599	2,948	3,038	2,805	2,623	2,498	2,581	2,609	2,426
	Toiletries and cosmetics:													
32210 17	Narrow neck.....	(2)	660	699	710	1,155	1,207	1,206	813	969	789	805	808	814
32210 34	Wide mouth.....	(2)												

To avoid disclosure of individual company data, the total for narrow neck containers includes data for wide mouth containers in the following categories: Medicinal and health, Chemical household and industrial, and Toiletries and cosmetics. Total inventories are those shown for December.

Table 5. SHIPMENTS, PRODUCTION, AND STOCKS OF GLASS CONTAINERS: 1985

Product code	Product description	Total	January	February	March	April	May	June	July	August	September	October	November	December
NET PACKED WEIGHT (Thousands of pounds)														
All types														
32210 11	Narrow neck.....	22,196,448	1,850,094	1,844,465	1,634,561	1,812,440	1,932,986	1,931,584	1,962,546	2,030,229	1,854,250	2,055,320	1,810,174	1,477,799
32210 31	Wide mouth.....	16,956,405	1,259,938	1,211,949	1,247,284	1,401,495	1,548,423	1,528,324	1,545,326	1,615,081	1,434,721	1,574,263	1,394,200	1,095,401
	Wide mouth containers.....	5,240,043	490,156	632,516	387,277	410,945	384,563	403,260	417,220	415,148	419,529	481,057	415,974	382,398
Food:														
32210 11	Narrow neck.....	2,273,384	193,274	197,528	184,366	170,794	196,343	220,268	211,115	233,059	196,176	181,088	164,075	135,298
32210 31	Wide mouth.....	5,090,701	475,395	619,507	589,582	593,382	374,322	394,809	404,615	408,101	410,401	465,846	401,299	373,662
Beverage:														
32210 19	Refillable.....	184,577	16,484	22,887	20,145	28,936	15,425	19,449	11,971	4,972	6,132	14,310	12,083	11,783
32210 50	Nonrefillable.....	4,458,406	321,294	279,574	294,097	378,133	403,105	405,104	398,348	427,492	411,044	460,624	408,672	270,919
Beer:														
32210 28	Refillable.....	170,709	34,764	25,070	8,908	25,202	20,910	10,037	3,725	4,162	5,399	9,338	9,513	13,681
32210 60	Nonrefillable.....	5,491,682	405,129	372,789	383,007	448,911	567,942	498,268	545,892	513,327	459,297	506,275	422,443	368,402
Liquor:														
32210 27	Refillable.....	1,731,341	152,752	115,791	149,722	148,950	126,399	142,857	158,264	150,824	153,035	157,794	148,383	126,570
32210 29	Nonrefillable.....	2,137,023	187,820	157,391	162,732	161,449	173,266	190,908	178,322	239,884	166,257	194,951	178,658	145,385
Other:														
Medicinal and health supplies:														
32210 13	Narrow neck.....	313,055	26,367	25,059	25,464	22,852	31,883	22,945	23,689	27,631	22,652	30,429	33,433	20,651
32210 32	Wide mouth.....	72,368	8,872	6,183	6,546	9,065	6,095	4,162	5,971	4,116	4,410	5,614	6,584	4,750
Chemical household and industrial:														
32210 15	Narrow neck.....	70,056	8,663	5,688	7,208	4,351	5,045	5,412	5,298	2,620	5,659	8,705	5,632	5,775
32210 33	Wide mouth.....	59,868	4,298	5,039	8,860	4,739	2,646	3,165	6,105	2,789	4,222	8,073	7,054	2,878
Toiletries and cosmetics:														
32210 17	Narrow neck.....	126,172	13,391	10,172	11,635	11,917	8,105	13,076	8,702	11,110	9,070	10,749	11,308	6,937
32210 34	Wide mouth.....	17,106	1,591	1,787	2,509	3,759	1,500	1,124	529	142	496	1,524	1,037	1,108
SHIPMENTS (Thousands of gross)														
All types														
32210 11	Narrow neck.....	272,821	22,617	19,421	19,489	24,228	24,645	24,777	25,982	25,611	23,216	23,949	19,754	19,122
32210 31	Wide mouth.....	208,561	17,030	14,573	14,922	19,271	19,719	19,560	20,275	19,530	17,260	17,325	14,528	14,568
	Wide mouth containers.....	64,260	5,587	4,848	4,567	4,957	4,926	5,217	5,717	6,081	5,956	6,624	5,226	4,554
Food:														
32210 11	Narrow neck.....	23,770	2,018	1,885	2,010	1,990	2,276	2,092	2,124	2,173	2,229	2,012	1,528	1,433
32210 31	Wide mouth.....	59,935	5,205	4,470	4,145	4,607	4,566	4,905	5,436	5,689	5,618	6,201	4,876	4,217
Beverage:														
32210 19	Refillable.....	1,553	77	153	180	150	146	229	104	190	57	68	94	105
32210 50	Nonrefillable.....	58,532	4,402	3,949	4,121	5,456	5,616	5,769	6,175	5,703	4,768	4,802	3,994	3,777
Beer:														
32210 28	Refillable.....	1,870	269	198	160	256	233	144	97	73	106	125	61	148
32210 60	Nonrefillable.....	81,907	6,869	5,518	5,543	7,838	7,919	7,666	7,873	7,340	6,530	6,445	5,798	6,168
Liquor:														
32210 27	Refillable.....	11,939	1,071	801	912	1,040	925	887	1,006	1,128	1,267	1,128	912	862
32210 29	Nonrefillable.....	14,036	1,006	836	953	1,248	1,335	1,466	1,633	1,658	1,022	1,000	910	969
Other:														
Medicinal and health supplies:														
32210 13	Narrow neck.....	8,710	815	743	649	742	819	750	591	728	714	758	744	657
32210 32	Wide mouth.....	2,715	241	245	269	209	252	215	182	200	203	279	219	201
Chemical household and industrial:														
32210 15	Narrow neck.....	942	57	77	55	77	70	86	87	94	67	122	76	74
32210 33	Wide mouth.....	1,015	90	89	109	60	52	72	71	158	55	88	93	78
Toiletries and cosmetics:														
32210 17	Narrow neck.....	5,302	446	413	339	474	380	471	585	463	500	465	411	375
32210 34	Wide mouth.....	595	51	44	44	81	56	25	28	34	80	56	38	58

See footnotes at end of table.

Table 5. SHIPMENTS, PRODUCTION, AND STOCKS OF GLASS CONTAINERS: 1985--Continued

Product code	Product description	Total	January	February	March	April	May	June	July	August	September	October	November	December
PRODUCTION (Thousands of gross)														
	All types.....	273,695	22,309	19,645	20,297	23,927	24,220	24,009	24,645	25,236	23,259	25,416	22,627	18,085
	Narrow neck containers.....	209,607	16,184	14,861	15,156	18,942	19,397	18,907	19,170	19,862	17,826	19,002	17,035	13,265
	Wide mouth containers.....	64,088	6,125	4,804	5,141	4,985	4,823	5,102	5,475	5,374	5,433	6,414	5,592	4,820
32210 11	Food:													
32210 31	Narrow neck.....	24,372	1,898	2,047	2,138	1,896	2,127	2,384	2,207	2,317	2,135	1,845	1,935	1,443
32210 31	Wide mouth.....	59,973	5,647	4,460	4,721	4,609	4,539	4,844	5,153	5,126	5,135	6,009	5,214	4,496
	Beverage:													
32210 19	Refillable.....	1,540	99	143	133	291	118	154	96	215	44	92	78	77
32210 50	Nonrefillable.....	57,410	4,258	3,614	3,951	4,886	5,260	5,264	5,140	5,625	5,197	5,430	5,072	3,313
	Beer:													
32210 28	Refillable.....	1,950	399	283	97	300	256	118	49	32	53	105	104	154
32210 60	Nonrefillable.....	83,413	6,200	5,818	5,809	8,047	8,252	7,145	8,082	7,743	6,957	7,530	6,319	5,511
	Other:													
32210 13	Medicinal and health supplies:	8,570	735	705	648	778	897	800	557	732	639	646	853	540
32210 32	Narrow neck.....	2,627	321	234	286	232	186	175	193	168	179	224	250	179
32210 32	Wide mouth.....													
32210 15	Chemical household and industrial:	972	83	59	84	55	83	70	113	69	102	89	90	75
32210 33	Narrow neck.....	906	51	57	108	73	38	59	108	61	54	132	96	69
32210 17	Wide mouth.....													
32210 17	Toiletries and cosmetics:	5,088	382	446	379	373	341	481	398	478	448	531	491	340
32210 34	Narrow neck.....	582	106	53	26	71	60	24	21	19	45	49	32	76
32210 34	Wide mouth.....													
STOCKS, END OF MONTH (Thousands of gross)														
	All types.....	(1)	44,792	39,298	38,599	40,652	37,414	36,512	36,527	35,324	36,073	37,781	40,194	38,843
	Narrow neck containers.....	(1)	32,344	29,470	27,917	29,034	26,655	25,873	24,962	24,851	25,606	27,506	29,594	28,139
	Wide mouth containers.....	(1)	12,448	9,828	10,682	11,618	10,759	10,639	11,565	10,473	10,467	10,275	10,600	10,704
32210 11	Food:	(1)												
32210 31	Narrow neck.....	(1)	4,137	4,046	4,130	3,944	3,595	3,795	3,798	3,427	3,657	3,437	3,755	3,485
32210 31	Wide mouth.....	(1)	11,606	9,050	9,888	10,795	9,995	9,940	10,821	9,729	9,753	9,585	9,885	10,077
	Beverage:	(1)												
32210 19	Refillable.....	(1)	885	795	468	660	450	436	421	448	435	432	412	369
32210 50	Nonrefillable.....	(1)	9,957	8,699	8,761	8,169	7,417	6,853	5,786	5,706	5,928	7,351	8,353	7,818
	Beer:	(1)												
32210 28	Refillable.....	(1)	528	566	453	523	605	559	381	384	328	308	351	353
32210 60	Nonrefillable.....	(1)	8,401	7,628	6,502	7,572	6,894	6,401	6,581	6,984	7,360	7,990	8,434	7,669
	Other:	(1)												
32210 27	Liquor.....	(1)	3,048	2,552	2,408	2,857	2,640	2,747	2,972	2,976	2,788	2,740	2,878	2,934
32210 29	Wine.....	(1)	2,258	2,174	2,207	2,221	2,040	2,078	2,012	1,918	2,148	2,315	2,416	2,351
	Medicinal and health supplies:	(1)												
32210 13	Narrow neck.....	(1)	2,152	2,117	2,094	2,145	2,223	2,246	2,204	2,206	2,203	2,142	2,170	2,225
32210 32	Wide mouth.....	(1)	595	584	603	600	582	533	546	534	505	452	480	397
	Chemical household and industrial:	(1)												
32210 15	Narrow neck.....	(1)	206	202	184	168	159	130	133	119	140	147	155	146
32210 33	Wide mouth.....	(1)	187	133	142	156	133	117	154	176	164	201	203	185
	Toiletries and cosmetics:	(1)												
32210 17	Narrow neck.....	(1)	776	689	710	755	632	628	674	683	619	644	670	589
32210 34	Wide mouth.....	(1)	60	61	49	45	49	49	44	34	45	37	32	45

¹Total inventories are those shown for December.

Table 6. SHIPMENTS, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF GLASS CONTAINERS: 1986 AND 1985

(Quantity in thousands of gross; value in thousands of dollars)

(Quantity in thousands of gross; value in thousands of dollars)

Product code ¹	Product description	Manufacturers' shipments		Exports of domestic merchandise ^{1,3}			Percent exports to manufacturers' shipments ⁶		Imports for consumption ⁷		Apparent consumption ⁸		Percent imports to apparent consumption		
		Quantity	Value f.o.b. plant ²	Quantity ⁴	Value at port ⁴	Estimated producers' value ⁵	Quantity	Value	Quantity	Value in foreign country	Quantity	Value	Quantity	Value	
1986															
	Glass containers.....	283,057	4,889,677	956	20,496	18,509	0.3	0.4	24,588	148,213	306,689	5,017,394	8.0	3.0	
32210 11	Food and dairy products.....	88,061	1,578,014	192	3,256	7,940	0.2	0.2	24,588	148,213	306,689	5,017,394	8.0	3.0	
32210 32	Medicinal and health.....	12,027	209,263	446	10,867	9,814	2.2	3.2							
32210 37	Chemical, household, and industrial.....	1,490	49,493												
32210 13	Toiletries and cosmetics.....	6,816	85,529												
32210 32	Beverage, refillable.....	59,885	853,319												
32210 15	Beverage, nonrefillable.....	2,902	39,963												
32210 23	Beer, refillable.....	84,020	1,081,465												
32210 60	Beer, nonrefillable.....	10,965	486,412												
32210 27	Liquor.....	16,891	506,219												
32210 29	Wine.....														
1985															
	Glass containers.....	272,821	4,554,823	1,234	25,900	23,390	0.5	0.6	16,031	128,475	291,267	4,657,398	5.5	2.8	
32210 11	Food and dairy products.....	83,705	1,452,416	236	4,211	3,803	0.3	0.3	16,031	128,475	291,267	4,657,398	5.5	2.8	
32210 32	Medicinal and health.....	11,425	199,996	570	12,185	11,004	3.0	3.7							
32210 37	Chemical, household, and industrial.....	1,957	50,424												
32210 13	Toiletries and cosmetics.....	5,897	80,724												
32210 32	Beverage, refillable.....	1,553	49,391												
32210 15	Beverage, nonrefillable.....	58,532	815,053												
32210 23	Beer, refillable.....	1,870	31,063												
32210 60	Beer, nonrefillable.....	81,907	1,029,047												
32210 27	Liquor.....	11,939	417,809												
32210 29	Wine.....	14,036	428,900												

¹For comparison of SIC-based product codes, Schedule B export numbers and TSUSA import numbers, see table 7.²Data for value only in 1985 has been revised to show increases or decreases based on changes from respondent company data and thus are reflected in the 1986 value data.³These export figures differ from those shown in table 3. The figures in table 3 are limited to direct exports by glass container producers; whereas, the figures in this table represent total exports.⁴Source: Bureau of the Census report RM 546, U.S. Exports.⁵These values were derived by use of adjustment factors to exclude freight, insurance, and other charges incurred in moving goods to the port of export. This adjustment is made to convert the values to an approximation of the producers' value of exported goods. Current adjustment factors are based on data for 1983 which are published in Origin of Exports of Manufactured Products, MB3(AS)-5, appendix B. Comparable adjustment factors for earlier years are based on similar factors developed for 1971 and 1972. The adjustment factor for this report is 0.9031.⁶These percentages are somewhat understated (see footnote 5).⁷Source: Bureau of the Census report IM 146, U.S. Imports for Consumption.⁸Apparent consumption is derived by subtracting exports from total shipments plus imports.

Table 7. COMPARISON OF VALUES OF SHIPMENTS OF GLASS CONTAINERS, AS REPORTED IN THE M32G, THE 1985 ANNUAL SURVEY OF MANUFACTURES, AND THE 1982 CENSUS OF MANUFACTURES

(Value in millions of dollars)

Product code	Product description	1985			1982	
		M32G	Annual Survey of Manufactures		M32G	Census of Manufactures
			Value	Standard error of estimates ¹		
32210	Glass containers, all types.....	4,580.4	4,567.4	1	5,033.5	5,143.8
32210 02	Shipments, by destination:					
32210 01	Direct exports.....	25.5	(NA)	(NA)	32.8	5,143.8
	Domestic.....	4,554.8	(NA)	(NA)	5,000.7	
	Shipments, by type of construction:					
	Narrow neck containers.....	3,476.5	(NA)	(NA)	3,836.8	(NA)
	Wide mouth containers.....	1,078.3	(NA)	(NA)	1,163.8	(NA)

(NA) Not available.

¹ The annual survey of manufactures percentage standard errors shown are the approximate relative errors of the estimates of level. A more detailed description of the standard error of estimate is given in the introduction of the annual survey of manufactures, Value of Product Shipments, MBS(AS)-2, under "Qualifications of the Data."

Table 8. COMPARISON OF STANDARD INDUSTRIAL CLASSIFICATION-BASED PRODUCT CODES, SCHEDULE B EXPORT NUMBERS, AND TSUSA IMPORT NUMBERS: 1986

Product code	Product description	Export number ¹	Product description	Import number ²	Product description
32210 11	Glass containers:		Containers, chiefly used for food, except beverage		Containers (except ampoules) chiefly used for the packaging, transporting, or marketing of merchandise, and containers chiefly used for home canning and preserving, all the foregoing of glass, with or without their closures and whether or not coated with plastic materials:
32210 31	Food.....	545.2910			Ordinarily used for perfume or other toilet preparations, or if fitted with or designed for use with ground glass stoppers:
32210 37	Medicinal and health supplies.....				Produced by automatic machine:
32210 32	Chemical, household, and industrial.....	545.2940	Containers n.s.p.f.		Otherwise produced
32210 33	Toiletries and cosmetics.....				Other:
32210 34					Holding not over 1/4 pint
32210 19	Beverage, refillable.....		Containers chiefly used for beverage (including beer, liquor, and wine)	545.1100	Holding over 1/4 pint but not over 1 pint
32210 50	Beverage, nonrefillable.....			545.1700	Holding over 1 pint
32210 23	Beer, refillable.....	545.2930			
32210 60	Beer, nonrefillable.....			545.2100	
32210 27	Liquor.....			545.2500	
32210 29	Wine.....			545.2700	

N.s.p.f. Not specifically provided for.

¹ Source: 1984 edition Schedule B, Statistical Classification of Domestic and Foreign Commodities Exported from the United States.

² Source: Tariff Schedules of the United States, Annotated (1984).

DESCRIPTION OF SURVEY

Scope of Survey. This survey covers manufacturers of machine-made glass bottles, jars, vials, and tumblers for commercial packing or home canning of any product, whether for sale or for use by the producing company.

Survey Methodology. The statistics in this publication were collected by mail on Bureau of the Census monthly Form M32G, Glass Containers. The panel for this survey consists of all known producers of glass containers, approximately 26 companies.

Participation in the monthly survey is voluntary. However, annual reports are required from those companies that do not report monthly. The annual summary includes revisions of monthly data originally estimated (see "Survey Error" below) for companies which only report annually.

Survey Error. Figures for the current month may include estimates for panel members for which reports were not received in time for tabulation. Such missing figures are "imputed" based on month-to-month movements shown by reporting firms. Imputation generally is limited to a maximum of 10 percent for any one data cell. Figures with imputation rates greater than 10 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The range of difference between the actual and imputed figures is not precisely known, but is assumed to be small. The degree of uncertainty regarding the accuracy of the published data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

Revisions to Previous Period Data. Data may be revised as the result of corrected figures from respondents, annual reports received for which imputations were originally made as described above, or other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

Adjustment for Price Change. All dollar figures included in this publication are in current dollars; i.e., they have not been adjusted for price change.

Reporting Period Adjustment. The data are adjusted for the number of working days in the reporting period to compensate for differences in individual company reporting patterns, i.e., calendar month, 4-week, 5-week periods. Since the calendar month accounting system prevails in this industry, adjustments have been made to those reporting on other than a calendar month basis.

EXPLANATION OF TERMS

Includes both domestic and export shipments, whether for commercial sale or transfer to other establishments of the same

company. Prior to January 1982, shipment figures for specific products excluded shipments for export. The impact of this change in total is minimal since exports account for less than one percent of total shipments; however, individual item lines may be affected to a greater degree.

Export Shipments. Includes shipments to foreign countries, agents or exporters for reshipment to foreign countries.

Production. Includes all containers produced during the month.

Net Pack Weight Produced. Weight in thousand pounds of glass containers when packed for shipment, exclusive of carton material, pallets, and pallet wrap.

Stocks on Hand, End of Month. Includes all containers on hand at manufacturing plants at the end of the month.

COMPARISON OF EXPORT, IMPORT, AND DOMESTIC OUTPUT DATA

The Standard Industrial Classification (SIC) system used for domestic output and the statistical export and import commodity classifications were developed independently. This results in considerable difficulty in comparing the three types of data for many commodity areas. The domestic output classification is based on type of industry; on the other hand, the export and import classification system is more materials oriented. Also, there are a substantial number of imported commodities which have no comparable domestic output classification. The relationships shown in this report should be considered only as approximations, since, in addition to the problems mentioned above, there are also the following problems affecting the comparability of the three sets of data.

Valuation. There are different methods of valuation for the three types of data:

- **Domestic Output.** Valued at the point of production. It includes the net sales price, f.o.b. plant, after discounts and allowances, exclusive of freight charges and excise taxes.
- **Exports.** Valued at the point of exportation. It includes the selling price, or cost if not sold, and inland freight, insurance and other charges to the export point.
Estimated producers' values of exports have also been developed. These values more closely approximate the values reported for domestic output because they exclude freight, insurance, and other charges applied from the producing plant to the export point.
- **Imports.** Valued at the first port of entry in the United States. It includes c.i.f. (cost, insurance, and freight), duty, and other charges to the import point.

Duplication in Quantity and Value of Output. Because producers' shipments of some commodities may be used as materials for incorporation into other commodities, combinations of data for

such commodities may contain a certain amount of duplication. Thus, percentages of exports to output or imports to apparent consumption (output plus imports minus exports) at four-digit or broader levels may be understated. Where duplication is known to be substantial, the output data are appropriately noted in the table.

Low-Value Import and Export Transactions. Detailed commodity information is not included for individual import shipments valued at not more than \$1,000. Generally, detailed commodity information is not included for individual import shipments valued at not more than \$1,000. For textiles and textile products, gloves, footwear, and miscellaneous rubber and plastics products, detailed commodity information is not included for individual import shipments valued at not more than \$250. This is believed to have only negligible effects on the statistics for the bulk of the commodities.

Manufacturers' Shipments, Not Specified by Kind. The value of manufacturers' shipments at the four-digit industry level often includes a small amount which is not distributed among the individual five-digit product classes. Export and import percentages at the more detailed levels might, therefore, be slightly overstated.

Time Lag Between Output and Export. There will be a lag between the time a commodity is produced or shipped by the producer and the time it is actually exported, especially when intermediaries (wholesalers, exporters, etc.) are involved. Ordinarily, this type of discrepancy is insignificant in annual figures.

"Direct" vs "Total" Commodity Exports and Imports. Export and import data do not include materials which are incorporated into other more finished products and exported or imported in finished form. Thus, by showing only direct exports and imports, the relation of exports to output and imports to apparent consumption for intermediate products is considerably understated.

Used Commodities. With a few exceptions, used or rebuilt commodities are classified in the same import or export codes as is new merchandise. Percentages are thus overstated to the extent that used or rebuilt products are significant in trade.

Geographic Area of Coverage. Import and export data reflect the movement of merchandise into and out of U.S. foreign trade zones, the U.S. Virgin Islands, and the U.S. customs territory (includes the 50 States, the District of Columbia, and Puerto Rico).

HISTORICAL NOTES

Data on glass containers have been collected by the Bureau of the Census since 1945. Historical data may be obtained from Current Industrial Reports (called Facts for Industry before 1959)

available at your local Federal Depository Library. A list of these libraries may be obtained from the Bureau of the Census regional offices:

Office	Telephone
Atlanta, Georgia	(404) 347-2271
Boston, Massachusetts	(617) 223-2327
Charlotte, North Carolina	(704) 371-6142
Chicago, Illinois	(312) 353-6251
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